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APRIL 1991

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FROM THE EDITOR

I have some sad news for you this month — this will be my last letter to you! Some of you may remember my New Year's resolution back in the January issue, where I decided to plan myself a schedule for 1991 — to make sure that I found time to do everything I wanted to and didn't allow 1991 to rush by unnoticed like so many other years seem to have done in the past. Well, I stuck to my resolution and drew up my plan, but no matter how hard I tried, I just couldn't fit Modern Machine Knitting into my schedule! A bit dramatic, I know, but life's like that sometimes, isn't it?

So here I am with my plan for 1991 held nervously in my hot little hand, about to venture out into the big, bad world. It's still only January now as I write this so the whole year is still stretching ahead of me and there's time to do so much. However, I must say, I'm going to miss you all more than just a little — I feel I know you all personally. I hope 1991 turns out to be a successful and exciting year for all of us — I'll drop you a line later in the year to let you know how it's turning out for me and, in the meantime, I'll keep in touch with your new editor to check on how you're doing. Keep knitting, designing and creating and you won't go far wrong!

Bye for now . . . . .

Laraine

Editor Laraine McCarthy.
Patterns Debbie Clarkson.
Fashion Sarah Pooley.
Editorial Sue Watson.
Pockets Angela Gordon.
Knitting Sam Lamb.
Popular Pets Jo Newton.
The Swatch Spot Sarah Pooley.
Inspirational Intarsias Rosalie Davis.
Making the most of your Knitmaster Ribber Carol Didymus
Photography Liz McAulay.
Design England and Cook.

KNITLINE

Size Right

Knitwear Designer Anne Kent has published "Size Right", a booklet which simply and clearly deals with the ever present problem of correct sizing. Suitable for both standard and chunky gauge machines, the step by step instructions explain how to knit an accurate tension swatch and use it in conjunction with the stitch and row "tables", set out at the back of the booklet, to produce a knitted garment in the measurements of your choice. (You also receive a spare set of tables in a handy, separate, plastic cover).

Choice of yarn, stitch pattern and style of garment are up to you, all that is required is a Green or Blue Ruler (to measure your tension swatch). The booklet also contains a basic pattern plus notes and tips on areas such as armhole, neckline and shoulder shapings, as well as that "Magic Formula" to show you how simple it is to work out increases and decreases along your seams.

Available by mail order at a cost of £4.95 (no charge for UK postage), send for SIZE RIGHT to:

Anne Kent,
28 Quail Gardens,
Selsdon Vale, S. Croydon,
Surrey CR2 8TF.

Seminar and Exhibition

Don't miss this year's Machine Knitting Seminar and Exhibition at the Webbington Hotel, Nr Cheddar, Somerset. Scheduled for the weekend of 5-6 October, this event will require prior booking as numbers are limited.

Organised by Kate Arklay and Diane Bennett, the exhibition packs in plenty of variety and entertainment. Diane will be the first speaker of the day and is already well known in machine knitting circles for her expertise both as a teacher and author. Diane has organised a fashion show for midday, followed by a break, during which visitors will be able to browse around the exhibitors stands for all their latest knitting requirements.

Janet Nabney and Ann Durkan are the guest speakers for the afternoon, each with a wealth of information to share on designing and machine knitting techniques.

Tickets cost £5 (to include coffee on arrival, entrance to all lectures, the fashion show and exhibition) with reductions for senior citizens and parties of ten or more. Send for a booking form to:

Kate Arklay,
3 The Vinery,
Winscombe,
Avon BS25 1AN.
Tel: 0934-843634.

New Designs

Look out for two new booklets from Mellors Munro & Co Ltd:

For £3.95 (RRP) the Sherwood Designer "Floral Collection" contains 30 designs for 24 stitch punchcard and electronic machines. The floral theme includes variations on the rose, cyclamen, tulip, buttercup and waterlilly, together with suitable surface patterns to mix and match for your own individual designer look! Patterns are also clearly marked as either continuous or border, to help you use them to their best advantage, and the charts have been printed in proportion so that you can lay your punchcard or mylar sheet over the top for easy marking.

The other title — "Electronic Fun Knits" by Elizabeth Long covers popular themes and motifs for childrens wear, including Thomas the Tank, Postman Pat, Ghost Busters and those ever sought after Turtles! Suitable for electronic owners or Intarsia, this collection costs £4.95 (RRP).

For further details of nearest stockist and other Mellors Munro publications, send S.A.E. to:

Mellors Munro & Co. Ltd.,
Lakefield Cottage,
Main Street,
Bradley,
Skipton,
North Yorkshire, BD20 9DG.

Tuition

Whether you have a single or double bed, electronic or punchcard machine, there will be plenty of scope for extending your knitting knowledge just that little bit further with "Taisall Tuition". Tutor Yana Tainsh is offering a variety of day-time courses and weekend workshops in the Hertfordshire area, for owners of Japanese models.

The day-time courses consist of one two hour session per week and run for eight weeks. Workshops can be either one or two day, depending upon the topic and are held between 10am to 4pm.

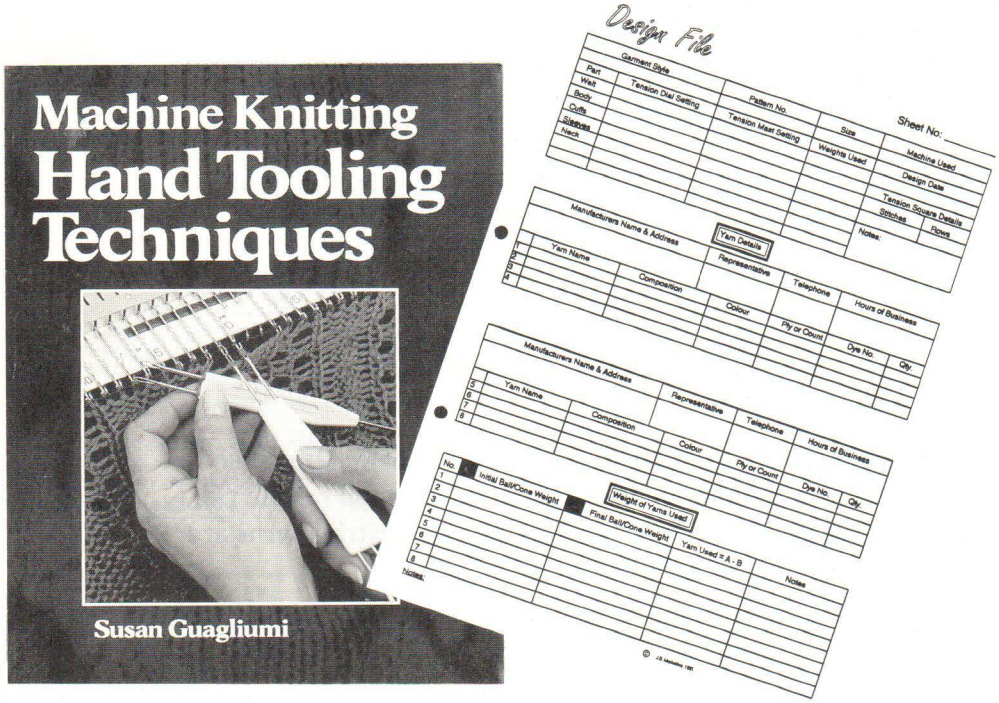
The next "intake" for day-time courses is mid-April and again in late September. The monthly Workshops commence in April with the following venues:

April —
Cut & Sew — *Stevenage*
May —
Ribber Techniques — *Royston*
June —
Soft Furnishings — *Ware*
June —
Knitting for Profit — *Bishops Stortford*
October —
Cut & Sew — *Ware*
November —
Intarsia — *Stevenage*
December —
Lace Day — *Royston*

Yana's courses cater for all abilities from beginners to advanced and she even offers private tuition which she tailors to suit individual requirements. For further details, write to:

Yana Tainsh,
9 Riverside,
Buntingford,
Herts SG9 9HJ.

KNITLINE



New Book from Batsford

Anyone who is interested in surface texture will find "Machine Knitting Hand Tooling Techniques" an inspirational and valuable addition to their bookshelf. This recently published hardback is written by Susan Guagliumi, contributing editor to the American magazine "Threads". Susan is well known in the USA for sharing her specialist machine knitting knowledge in the form of lectures and workshops.

A lifelong passion for textiles and experience in hand weaving and knitting eventually lead Susan to venture into the area of machine knitting and, ultimately, to the publication of her own book.

Some of the advantages of Hand Tooling is that the technique allows individual creativity; it can be done on all machines, and most of the stitch samples illustrated in the book can be worked on the single bed.

The book is divided into two sections, the first two chapters covering absolutely everything there is to know about how the knitting machine works; tools and accessories; chart notation and stitch manoeuvres. The following six chapters illustrate and describe a multitude of hand-manipulated stitches — twisted, wrapped, woven, lifted, rehung, transferred and cabled! There is also a useful appendix covering garment planning and a glossary of knitting terminology.

A wealth of information, "Hand Tooling Techniques" costs £19.95 and is available from all good bookshops, or write for details of nearest stockist to:

Batsford,
4 Fitzharding Street,
London W1H 0AH.

Design File

Record all those important details of your knitwear designs and keep them for instant reference in the "Design File", a pre-printed A4 sized pad which is recently available from J.S. Marketing. One hundred tear-out sheets provide the ideal format for filing all the information you will require — garment styles; size; yarn details; stitch pattern; tension swatch measurements; machine used; tension dial settings and a space for your own special notes.

Each pad is board-backed for strength and is priced at £3.95 plus £1 p&p from:

J.S. Marketing.
P.O. Box 8,
Pontypool,
Gwent, NP4 7YA.

Mag-Knit

No more tiresome searching through your tool box for that elusive double ended transfer bodkin! One keen machine knitter, Susan Dawson, decided that she was fed up with this problem and went off to find a magnet to keep her bodkin safe. However, her search proved difficult, and so she passed the problem on to her husband Dave who developed the MAG-KNIT, a tiny magnet which can be clipped on to the yarn mast (round or square), or stuck down to a shelf or knitting table for convenience using the double sided adhesive pad provided. (If you have an electronic knitting machine, the magnet must never be sited near the electronic box).

Susan tried out the gadget on all her machines and was more than pleased with the results so decided that it should be available to other knitters. It is also a very useful little accessory for speedy opening and closing of the needle latches. Susan says there may well be other uses which she will discover in due course! She is selling the MAG-KNIT by mail order for £2 including p&p and it comes with clear instructions and fitting diagrams. To obtain your MAG-KNIT, write to Susan at:

20 Yew Tree Avenue,
North Anston,
Sheffield, S31 7EW.

Courses

Missenden Abbey again offers a wide variety of courses which will appeal to machine knitters. Their Summer School for 1991 caters for all aspects of machine knitting, from beginners through to those who wish to improve on skills learned. But the emphasis is not purely "technical" — several of the courses aim towards the inspirational and experimental aspects of fabric and garment design and course Tutors include well known names such as Janet Nabney, Pam Turbett and Montse Stanley.

The Summer School commences on Sunday 28 July 1991 and runs throughout August, so if you are interested in spending a "working" holiday in wonderful surroundings, concentrating on your favourite subject, book up soon to avoid disappointment. Details and dates of courses can be obtained by writing to

April Halton,
Head of Residential Adult Education,
Missenden Abbey,
Great Missenden,
Bucks HP16 0BD.
Telephone: 0494 890295.

Diary Dates

The Knitting & Crochet Guild now have details of the Susanna Lewis Lecture/Workshop Tour which takes place at a series of venues throughout the UK over the next few months. Of particular interest to owners of Japanese machines will be the slide lecture / demonstrations as follows:

"Hand Decorating Techniques" on Saturday 27 April at the Knitting & Crochet Guild, Kings Cross, London — contact Marie Holmes 081-567-1457.

Fabrics from 'The Machine Knitter's Guide to Creating Fabrics' — contact Mavis Walker 0276-71124.

"Rib-Jacquard Fabrics" on Sunday 12 May at Metropolitan, Nantwich, Cheshire — contact Carol Hocknall 0270-628414. Carol will also be able to give you details of a three day workshop, 13-15May, to which you take your own machine and the subject is "Designing with Gores".

MAKING THE MOST OF YOUR KNITMASTER RIBBER

(PART 9)

This month we are going to try out Punch Pin Tuck, which is slip stitch used in conjunction with the ribber. Punch pin tuck is knitted on a full needle rib setting, so only fine yarns such as 2ply, 3ply and single ply industrial yarns are suitable.

PUNCHCARD MACHINES

Sample 1 in our illustration has been knitted using card 9 from the basic set supplied with the ribbing attachment, but card 10 would be equally suitable and both patterns are illustrated in your ribber instruction manual under the heading of Punch Pin Tuck.

Samples 3 and 4 are taken from Knitmaster/Silver Punchcard Pattern Book 1. Samples 5 and 6 are from the basic set of punchcards supplied with the Knitmaster/Silver 600/700 machine. Those of you with older machines should have card 2, but you will have to punch out card 14. To save space, only one repeat of each pattern is given, so you will need to copy them out the required number of times as stated and, if necessary, cut off the excess card at the top.

ELECTRONICS

Those of you with models 500/550/560 will have the same patterns as for the punchcard machines. If you have the 580, the patterns will be illustrated in the instruction manual, but you will have to draw them out.

For samples 3, 4 and 6 you only need to draw out the blank parts of the card for the slip stitches and leave the rest blank for the knitted stitches. Only draw out one repeat as shown and set the width indicator to 24. Don't forget to put in the stop and start markers in the correct positions, and also a buzzer marker to remind you when the pattern repeat has finished.

SAMPLE 1.

Punchcard Machines

Put in the close knit bar, pitch lever on H5. Bring out to Working Position 30 needles on each side of centre 0 on both beds (60 stitches). With carriage at left, thread up with a smooth 2ply yarn, set both stitch tension dials on 0 and cam lever to stockinet. Knit zig zag row, insert comb and weights. Note the change in tension settings — main bed to 1, ribber bed to 3. Knit 2 circular rows. Carriage at right. Insert ribber punchcard number 9 into the card slot and lock on Row 1. Knit last circular row. Carriage at left.

Note change of tension — main bed to 3, ribber bed to 4. Set side levers back to ▼, cam lever to slip and both ribber set levers on 1. Unlock card and knit two repeats of the pattern, using side weights to keep the edges of the knitting neat.

Change the cam lever to stockinet, knit 10 rows and strip off machine.

Electronic Machines

Put in the close knit bar, pitch lever on H5. Bring out to Working Position 30 needles on each side of centre 0 on both beds (60 stitches). Set point cams at 29-0-29 to stop the end needles from patterning. With carriage at left, switch on machine, inspection light on, and thread up with a smooth 2ply yarn. Set both stitch tension dials on 0 and the cam lever on stockinet. Knit the zig zag row, insert comb and weights and knit 3 circular rows, noting the change in tension settings — main bed to 1 and ribber to 3. Carriage at left.

Note change in tension settings — main bed to 3, ribber to 4 and both ribber set levers on 1. Place the design sheet into the card reader, set it to Row 1 of the pattern and the pattern width indicator to the right hand edge of the pattern.

Lights on no. 1 right (remember the rhyme "when knitting slip and tuck, you need a mucky duck" 580, "dirty cup" 500/550/560). No. 2 light right 580, left 500/550/560. Inspection light off, cam lever to slip. Knit two repeats of the pattern, using the edge weights to keep the edges of the knitting neat.

Change the cam lever to stockinet, knit 10 rows and strip off the machine.

All Machines

Samples 2, 3 & 4 are all knitted in the same way. Samples 5 & 6 are knitted with the machine set to elongate the pattern, so a 2 row pattern becomes a 4 row pattern and the ridges become more noticeable.

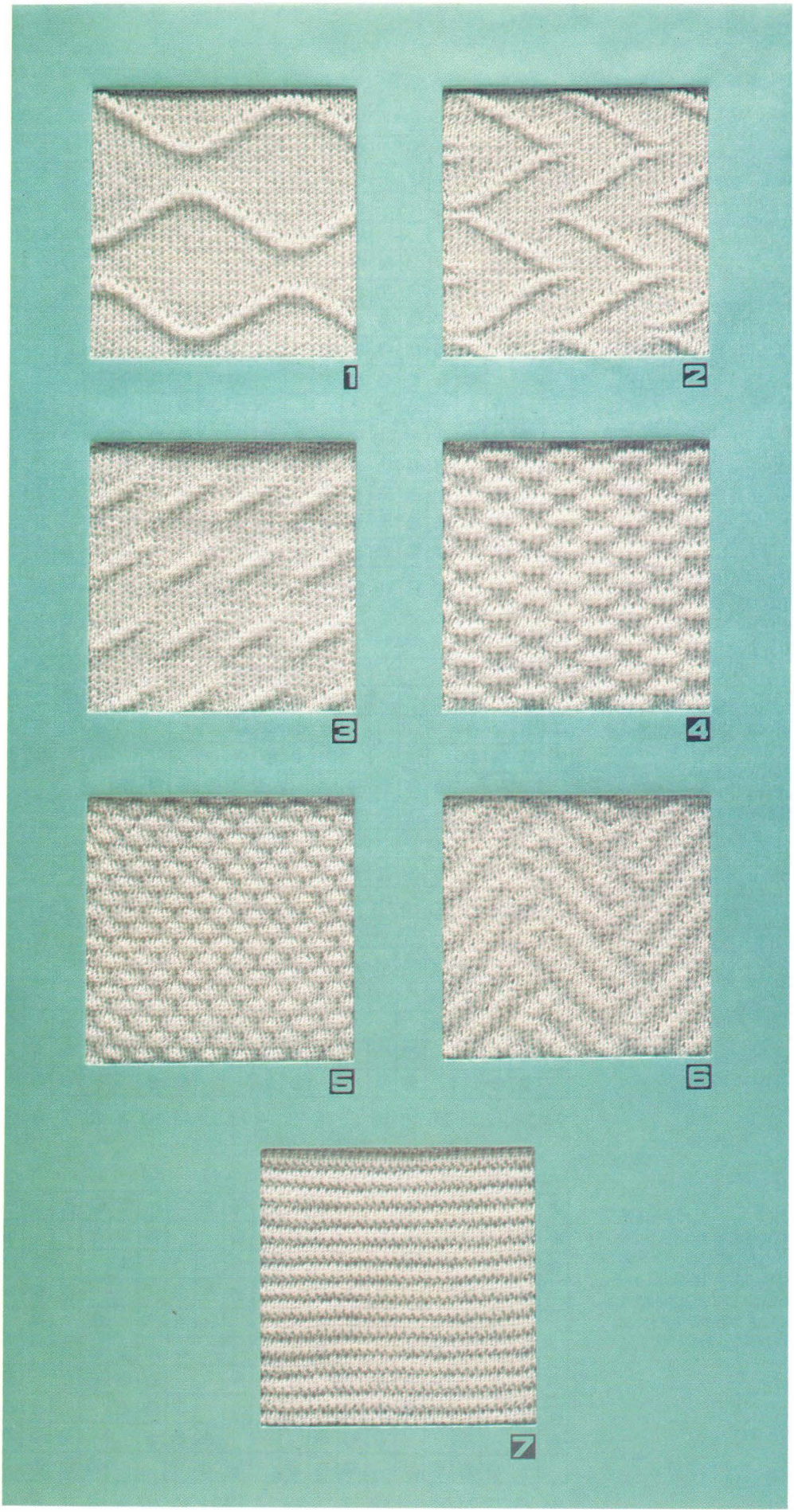
SAMPLE 7.

Punchcard Machines

This sample can be knitted without a punchcard. Cast on as before, using tension settings as for previous samples. With carriage at left, set cam lever to slip and side levers forward on ● — this allows the main carriage to slip both ways across the knitting, while the ribber knits normally.

*Main carriage cam lever to slip, knit 4 rows on the ribber. Main carriage cam lever to stockinet, knit 2 rows on all

Continued overleaf


1
2
3
4
5
6
7

MAKING THE MOST OF YOUR RIBBER *continued*

needles*. Repeat from *to* for about 60 rows.

If you prefer to use a punchcard, leave 4 rows blank and punch 2 rows of holes all the way up the card. In this case, the cam lever stays on slip, with the side levers back to ▼.

Electronics

This sample can be knitted without a design card, but you must have the machine switched on for it to slip both ways. Cast on as before, noting the tension changes, and knit the pattern as follows.

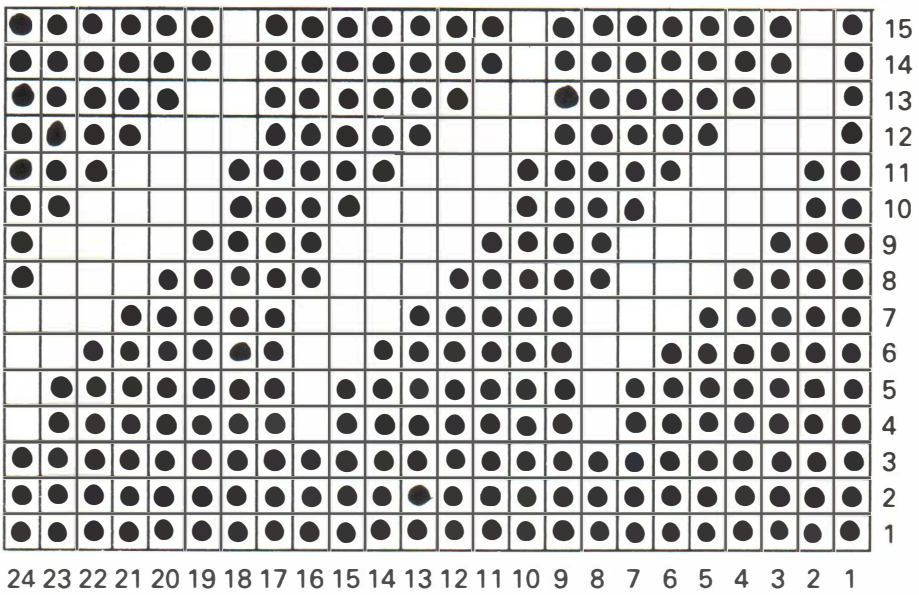
No. 1 light must be on at the left this time, as the scanner has nothing to read. *With cam lever on slip, knit 4 rows. Change cam lever to stockinet and knit 2 rows*. Repeat from *to* as required.

If you prefer to use a design card, fill in one or two squares for 4 rows, and leave 2 rows blank, setting the width indicator to the edge of the pattern. The cam lever stays on slip throughout and no. 1 light must be on the right.

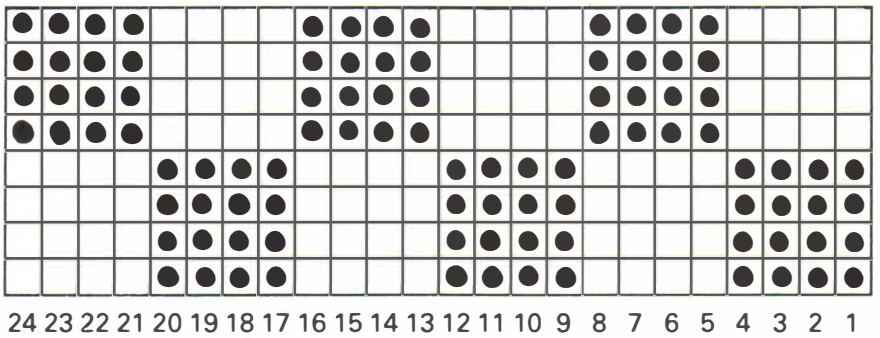
All Machines

A variation of this pattern is to knit the 4 rows slip in one colour, then change to contrast for the 2 plain rows. If you have any problems with stitches on the last 2 slip stitch rows knittng incorrectly, use the "P" carriage from left to right to bring the needles up to C position. This will help the stitches to knit off the needles properly. In case you have not used your "P" carriage before, now is the time to try it out. Turn to the page in your ribber instruction book under the heading "P Carriage" and find out what it's all about, because next month you will be using it a lot — to knit Drive Lace.

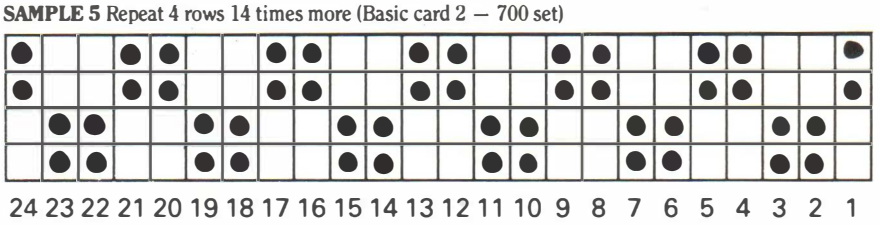
SAMPLE 3 Repeat 15 rows 3 times more (Punchcard Pattern Book 1)



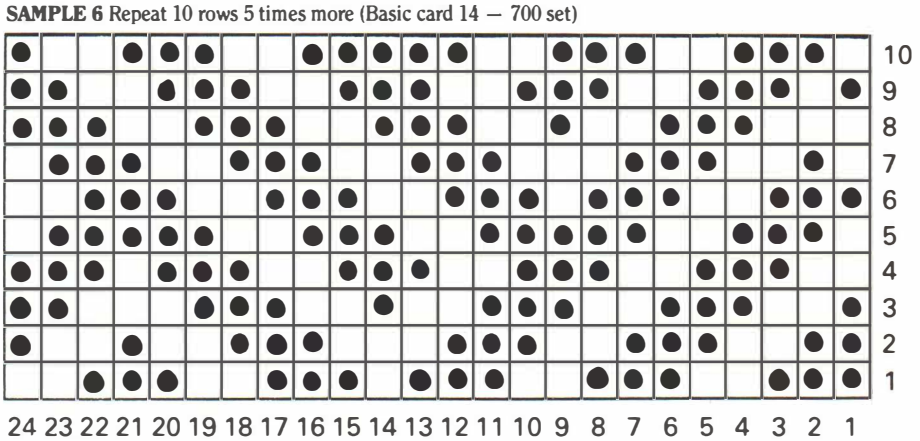
SAMPLE 4 Repeat 8 rows 6 times more (Punchcard Pattern Book 1)



SAMPLE 5 Repeat 4 rows 14 times more (Basic card 2 — 700 set)



SAMPLE 6 Repeat 10 rows 5 times more (Basic card 14 — 700 set)



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Sampler No. 1 contains excerpts from: Start Knitting with Kamalini, Holding Position & Partial Knitting, Garter Bar & Waste Knitting and Knit Steam & Cut.
Sampler No. 2 contains excerpts from: Each of the three vols in the Brother Ribber Series and Knit Steam & Cut.

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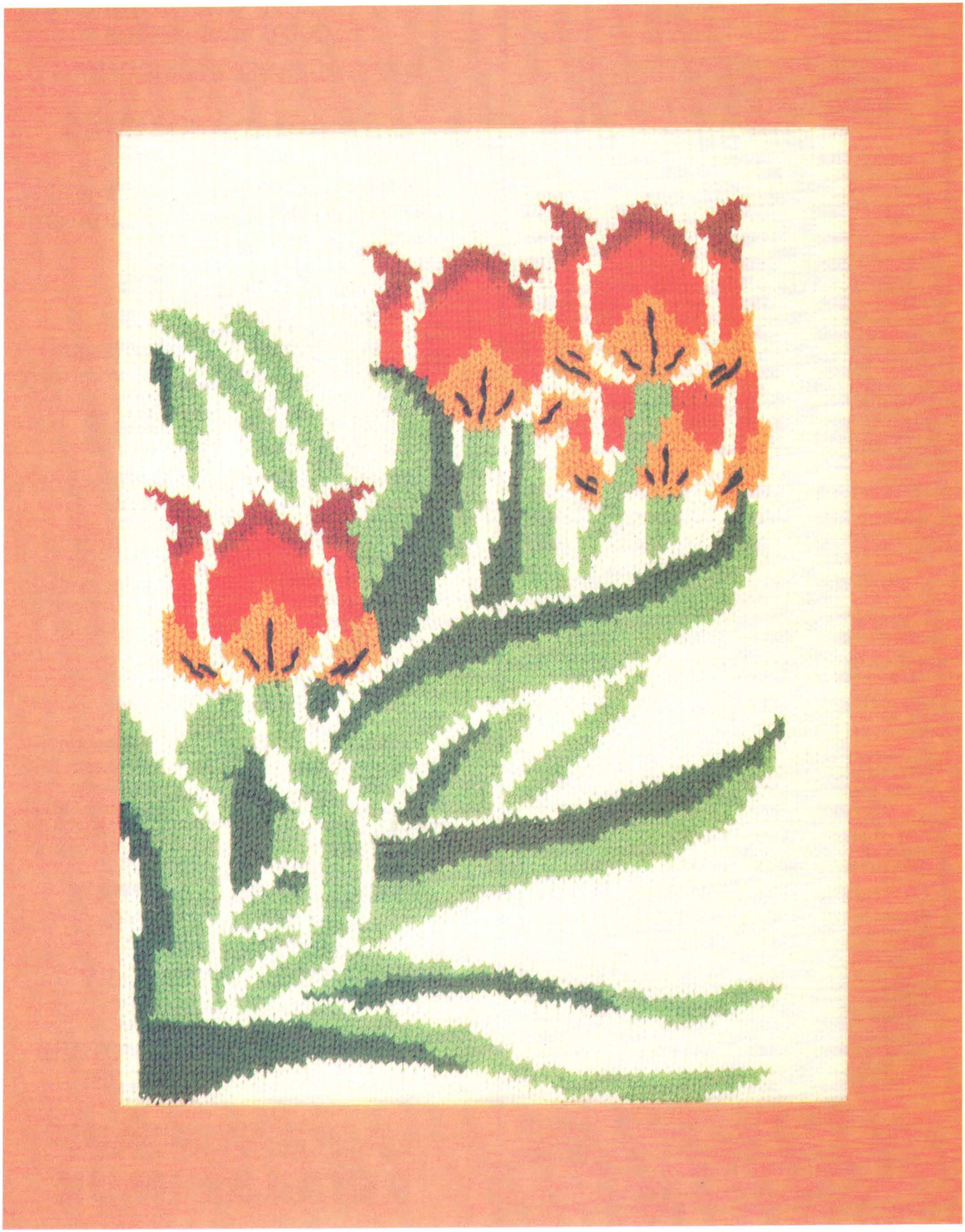


INSPIRATIONAL INTARSIAS

Intarsia knitting is an important feature of modern knitting machines today — whether included as a facility of the main carriage or available as an additional intarsia carriage — and is a really fun way to create unusual and beautifully colourful pictures or geometric designs. Each month we investigate the use of intarsia, providing you with patterns, pictures and above all, inspiration to create your own designs.

"ART DECO TULIPS"

This month's intarsia design has a very interesting history and as I'm frequently asked where the ideas for all my various designs come from, thought you would be interested to learn of the design source in this particular case. Whilst clearing the contents of a house, friends of ours, Iris and Ron Glover, discovered several drawings made by Ron's brother Frank over the course of many years, which had been carefully stored away and which the rest of the family had no knowledge of. I particularly liked the Art Deco Tulips, dated by Frank as having been drawn in 1932, and Ron very kindly gave me the original drawing. I mentioned to Iris and Ron the fact that this would be ideal for an intarsia design and they very kindly gave me permission to use Frank's Art Deco tulips for this purpose. The intarsia design is an exact representation of the original drawing, which is in my possession and proudly adorns one of the walls of my studio. Although I didn't know this previously, it transpired that Frank and I shared the same birth date, which naturally added to the excitement of it all when this was discovered and added to my conviction that his tulips should be transformed into a brightly coloured intarsia version. And here it is — hope you will like this design as much as I did when first I saw the original drawing.

In order to achieve the same effect as the original sample, use yarns as detailed below:
TAMM TRENZI
4ply (90% Acrylic, 10% Nylon)
Main Colour:
Cream (Shade 3518)
Tulip leaves:
Emerald (Shade 3584)
Bottle (Shade 3588)
Tulip Petals:
Orange (Shade 3507)
Red (Shade 3543)
Maroon (Shade 3545)
Embroidery:
Black (Shade 3599)

Before starting work, wind off 10 balls Cream (some need only be small amounts), 4 balls Bottle, 6 balls Emerald, 5 balls Orange, 6 balls Red and 4 balls Maroon. Use yarn from the Cone for top, bottom and one side of the design.

MACHINES

Standard gauge with intarsia facility. If the design is to be hand knitted or Swiss darned, the finished design will be the same as shown on the chart and not reversed as with machine knitting.

The design covers 60 stitches and 126 rows.

DECORATION

A very small amount of decoration has been added to the Tulips design, in the form of a few embroidery stitches at the base of the tulip petals. Either straight or stem stitch could be used. This design really needs no further embellishment and, if you'd rather, this embroidery could be omitted.

ADAPTIONS AND VARIATIONS

To make the knitting a little easier, the leaves and petals could be knitted without the single stitch divisions between them. You'll probably find it easier and quicker to knit the petals and leaves this way and then add these definition lines afterwards, either by Swiss darning or straight or stem stitch.

A 2-colour version of our Art Deco Tulips could be knitted on an electronic machine by marking the mylar sheet exactly as the intarsia chart and knitting with 2 colours. There will be some long floats when knitting the horizontal leaves, but these can be dealt with by hooking them up on needles on subsequent rows or by cutting them in half if they are very long and sewing each end in securely. Or, sew over them on completion of the knitting. This type of design lends itself very well to a 2-colour version knitted automatically which, of course, is much quicker than knitting the intarsia version. If you like, extra colour can be used in places by Swiss darning. If white main colour and black contrast were used for the electronic knitted version, the tulip petals could be Swiss darned in another colour, either all red or the three shades of red as used on the original version. Leaving the petals and stems all black would be most effective.

This design would also be very effective if black were used for the main colour instead of the original cream. You may prefer to use red only for the complete tulip petals, although the original shaded petals are true to the original drawing. You may, of course, prefer your tulips to be all yellow, or a combination of colours. If using cream for the background, 'black' tulips would also be most attractive — although not strictly black in reality, a very deep purple or black yarn could be used.

This particular design would be suitable not only for either the front or black of a garment such as a sweater or jacket, but also be ideally suited for a picture, particularly if knitted in cotton yarns. The design would lend itself to a conser-

Continued overleaf

INSPIRATIONAL INTARSIAS *continued*

RED
MAROON
BOTTLE
MAIN COLOUR
EMERALD
ORANGE

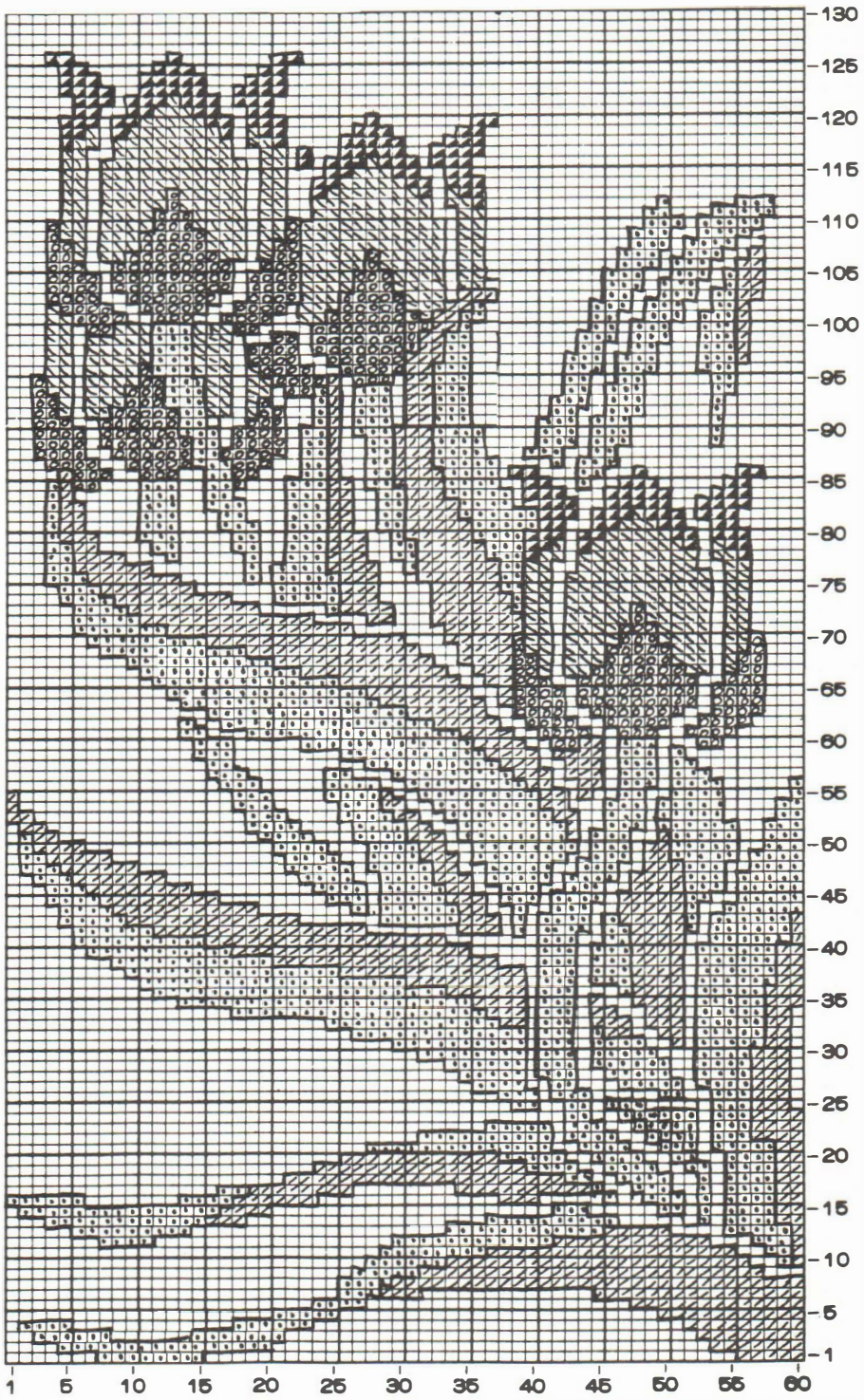
vatory, sun lounge, brightly decorated kitchen or, indeed, any room which has the same colours or tulips incorporated in the furnishings.

The tulips could be given a frame, whether incorporated in a garment or used for a wall hanging or traditionally framed picture. Two obvious methods are to either Swiss darn or incorporate the frame in with the actual intarsia knitting, leaving a minimum of 3 stitches and 4 rows between the edges of the design and the frame. Alternatively, a frame could be added by sewing on lengths of ribbon. Colours to tone with the knitted design would be the most effective, so if using the original yarns as detailed, either maroon or bottle would be the most suitable colours for the ribbon. There are a variety of ways the ribbon could be added — either one fairly wide strip of ribbon, 2 narrow strips of ribbon, one in maroon and one in bottle, a narrow strip closest to the tulips in maroon with a wider strip in bottle forming the outside frame.

If incorporating the design on a garment front or back, a very effective 3-dimensional 'frame' could be added by making a knitted or crocheted lacey edging and stitching this around the Tulips design to form the frame. This would also be effective if the design were used on a cushion cover. The main colour would be the most suitable for this edging, maybe with just the very outside edge in one of the contrast colours used for the tulip design.

If incorporating the design on a garment, welts and cuffs could be edged with one of the contrast colours — bottle would be the most effective. If deep ribs were knitted, the remaining 4 contrast colours (emerald, orange, red and maroon) could also be incorporated in the ribs in the form of fine stripes of 2 rows each at regular intervals. A row of single tulip flowers used as a repeat pattern could be knitted as a border above the welts and cuffs, which would add interest to the remainder of the garment. Alternatively, if the intarsia design were knitted on the back of a garment, single tulip flowers could be knitted as single motifs at random on the front and sleeves, with or without the border pattern above the ribs.

If the intarsia design is placed on the back of a cardigan or jacket, one single tulip flower could be knitted on a breast pocket. Tulip buttons would add the finishing 'designer' touch to the garment, and some very attractive ones are sold by Rainbow Buttons, in 4 different colourways. The tulip buttons cost 50p each and can be obtained from: Rainbow Buttons, 44 Sanderson Road, Jesmond, Newcastle upon Tyne, NE2 2DS.



Please add 40p for post and packing. If you would like a copy of their full colour catalogue detailing their wide range of buttons, badges, earrings, etc, please send £1.00 to the same address.

I hope you will enjoy knitting your own version of Frank's Art Deco Tulips — I'm sure he would appreciate all the attention they have been given! See you next month with another design that has many possible uses.

If you have any problems locating Tamm Trenzi, please write to the address below for local stockist and mail order information. Please quote this issue of Modern Machine Knitting.
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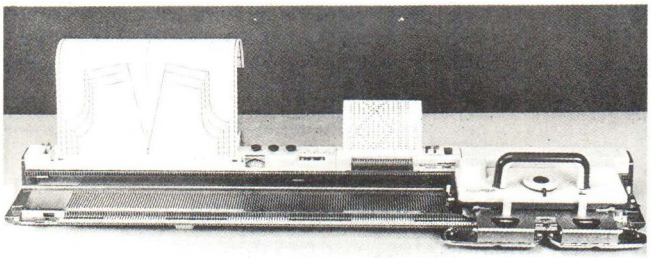

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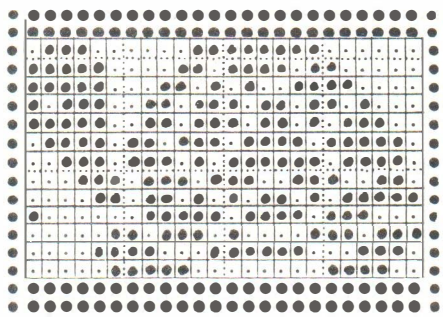
POPULAR PETS

(PART 2)

Every month, our Popular Pets feature will provide you with some delightful motifs — for both electronics and punchcard machines. Collect our pet designs every month and build up your own exclusive Popular Pet Collection.



TORTOISES, TURTLES AND TERRAPINS

No — not *those* turtles, but the kind that live in the garden, or would be kept in an aquarium.

The large electronic/intarsia design can be knitted as two separate pictures if required, say on the two fronts of a cardigan, or used complete on the front and/or back of a jumper. Repeat the small 24st. tortoise above the welt and cuffs, and also across the shoulder line of the sleeves. A successful colour scheme for this was a black background with emerald green large turtles and terrapins and red tortoises. Knitted as above for a "turtle maniac" for Christmas. 24st. machine owners can use the two patterns in bands and borders. The smaller one is particularly effective repeated in both directions on a dark background in several different bright colours. It can also be knitted as a single motif, but embroider on the one stitch for his tail.

PATTERN NOTE:

Yarns Used:
Forsell Shamal
520 Black
554 Emerald
524 Congo (Bottle Green)
526 Hussar (Red)
512 Sky (Blue)
564 Brown

Machines

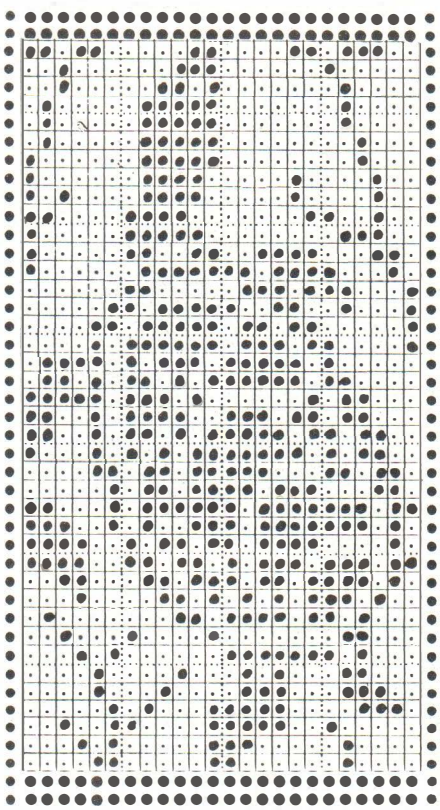
Large Turtles
For Electronic machines or machines with intarsia.

Tortoises and Terrapins
For 24 stitch punchcard machines or electronic machines.

Note:
When using the punchcard charts to make an electronic design card, fill in a square where the punchcard chart shows a hole.

If you have any problems locating Forsell Shamal, please write to the address below for local stockists and mail order information, quoting this issue of Modern Machine Knitting.

T. Forsell & Sons Ltd.,
Blaby Road,
South Wigston,
Leics. LE8 2SG.



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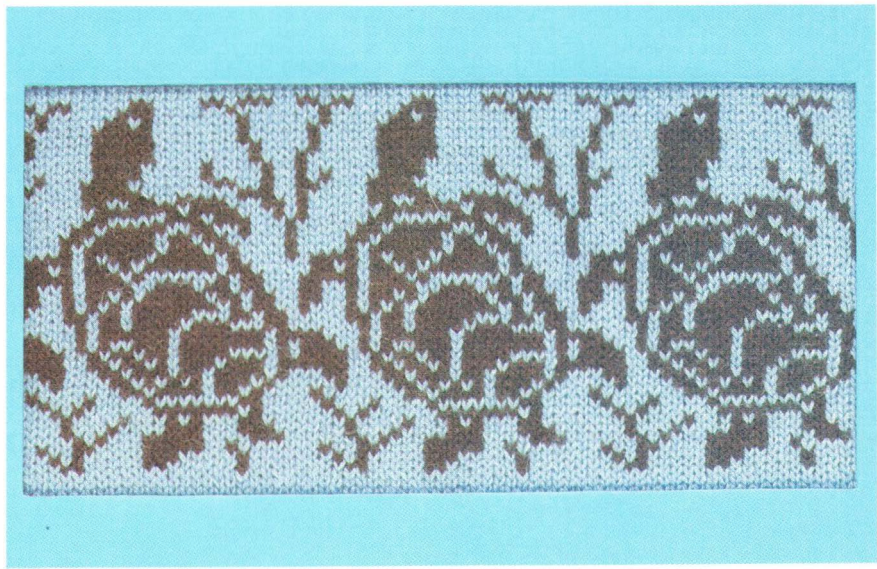
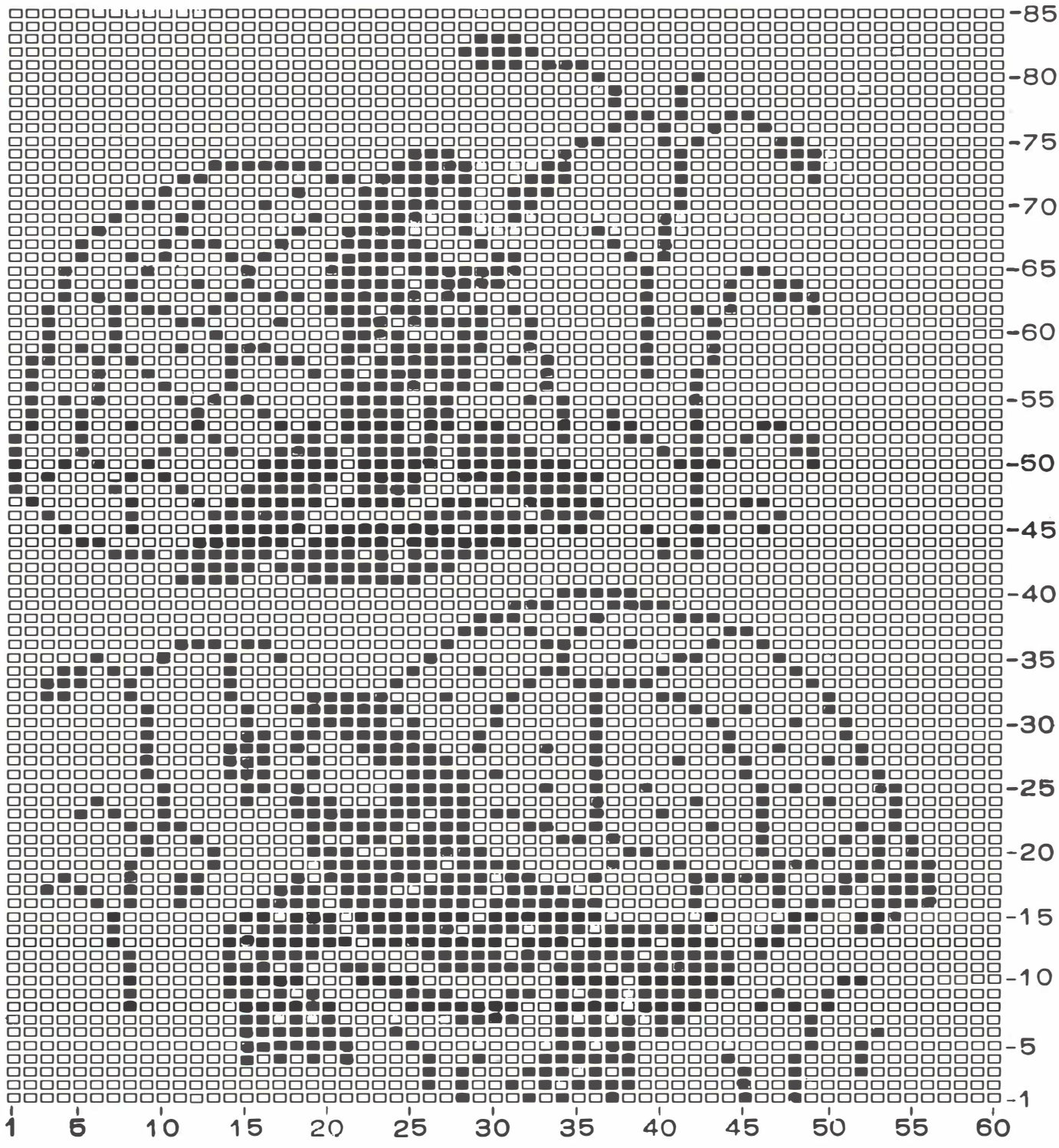
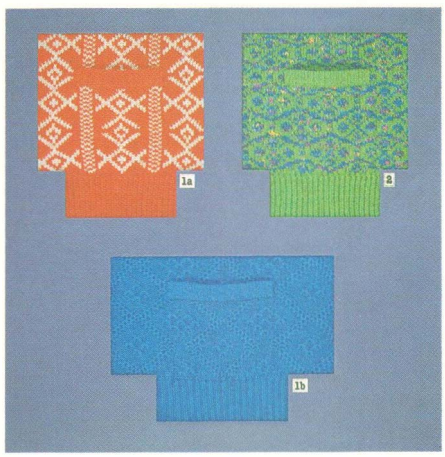


POPULAR PETS *continued*



POCKETS

All too often, pockets tend to be overlooked or ommitted from our favourite designs, either because we are just simply in too much of a hurry to be bothered with the extra work involved in knitting them, or because we think they are too complicated, and rather than make a mess of things, we take the easy option. But reconsider the usefulness of a pocket, both from a practical point of view and also for design purposes. Whether it be for a classic cardigan or sporty knitted top, the addition of a pocket or two adds style and finish to any garment. To show you how easy it really is, we have knitted two different pockets with step by step instructions for you to try.



Personally, I love pockets, especially in knitted jackets (how else do you keep your hands warm?!). Unfortunately, patch pockets lose their shape quickly when used. For this reason I only use them for decorative purposes, and very useful they are too for adding a sporty look to a shirt style, or for trying out the motif facility for the first time. I know they are the easiest to knit and can be sewn in position after the garment is finished, thus doing away with fiddly holding position knitting, but just imagine that lovingly created patch, with painstakingly worked motif, filled with sea shells, toy cars or large hankie! Not a pretty sight, I can tell you! I used to knit patch pockets on all my childrens garments before I learned other methods. I did find that a cotton lining helped to prevent the sag — a useful tip if you really must use a patch pocket — but only of benefit to those of us with sewing machines. An example of a patch pocket that is to be used decoratively could include a lace motif worked by hand, which is then lined with a contrasting fabric to peep through the lace holes.

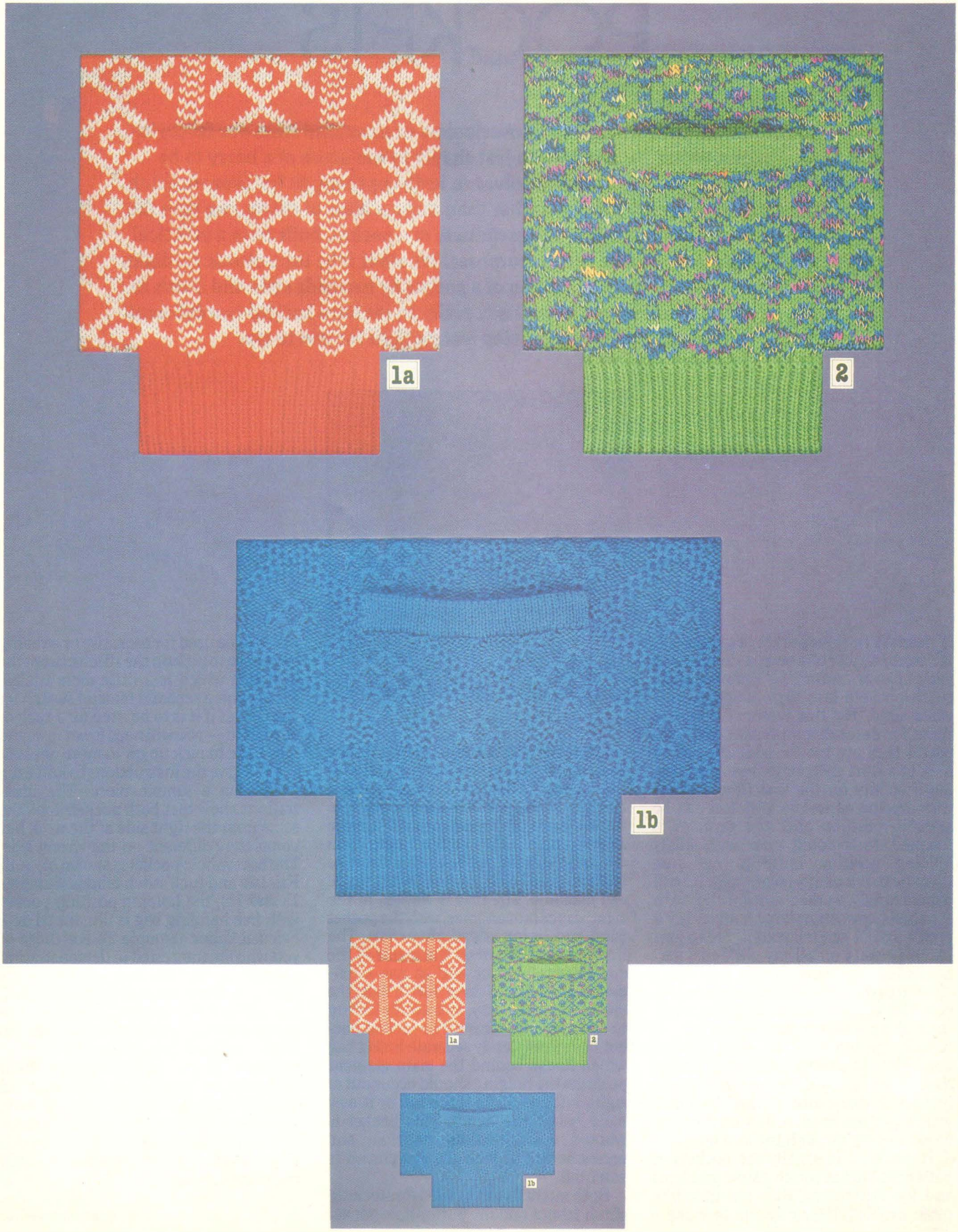
However, it is usually the pockets in patterned fabrics which cause problems and for this reason they are therefore often avoided. If you decide to make a patch pocket in a patterned fabric, for the best results, decide first on the position of the pocket and then use the same pattern needles on the needlebed and start from the same row of the punchcard to ensure a perfect match. I would like to show you two other simple pockets which can be knitted into a Fair Isle fabric on any single bed machine. The first is worked in the same way as buttonholes, with the pocket band and lining added afterwards. The lining is sewn down on the inside of the main garment piece and so has a tendency to bulge if over filled, but the method is really easy, and avoids having to reset the punchcard. The second pocket has a completely separate lining bag which hangs behind the main garment piece (so the bulging should occur out of sight, but do not fill it too full or it may hang below the hem!). This pocket is worked using holding position, and remembering to lock the punchcard is essential.

Both methods can be used for stocking stitch fabrics and the buttonhole pocket can also be used for tuck, slip or weaving (you have to pick up the stitches from the knit side which is a little more tricky). Please knit a separate tension swatch for the pocket if it is to be used for a tuck or slip fabric — you will need fewer rows and may have to pick up on to more needles.

I will give the instructions to knit each pocket on a sample piece. The illustrations show that both pockets look the same from the right side of the work but completely different on the wrong side. The buttonhole pocket is shown on both Fair Isle and tuck stitch fabrics (Samples 1a and 1b), the holding position pocket with free hanging bag is illustrated on a Fair Isle fabric (Sample 2). For those of you who are interested in demonstrating a particular technique at you local knitting club, these samples are ideal for passing around for inspection before the demonstration begins, and can later be filled with instructions for future reference. If you see a garment pattern with an interesting pocket, why not knit a sample? Most pockets can be used on any garment, and a very useful reference folder of samples can be built up in this way, ready for instant use when you need the instructions.

Continued overleaf

POCKETS *continued*



SAMPLES 1a & 1b
– Buttonhole Pocket

Use a tension suitable for the yarn you are knitting. Bring 70 needles to working position, cast on and knit 26 rows in a rib of your choice. Pick up the hem or transfer all stitches to the main bed. Change to main tension. Insert the punchcard and continue in Fair Isle pattern for 40 rows.

Knit the centre 30 stitches with the nylon cord (bring the needles out until the stitches slip behind the latches, lay the nylon cord into the open latches and knit through each stitch in turn). Take the needles back to B position to knit the nylon corn through then push them to C position (upper working position) — they will knit in the contrast yarn only on the next row. It is much easier to pick up from a row of stitches in one colour only! However, there will be a long float over the pocket stitches. After the first row, pick up this float on to every fourth needle before continuing and it will then be knitted in neatly. Continue knitting in Fair Isle over all the stitches for a further 30 rows and cast off.

Now knit the pocket top in the main yarn only. Hold the garment piece with the wrong side facing you. Pick up the last row of stitches in main yarn before the nylon cord (that is the ones along the lower edge of the nylon cord stitches). Reduce the tension by one number and knit 9 rows. Knit one row at main tension followed by another 9 rows at the lower tension. Pick up along the first row again to form a hem. Knit one row to close the hem and cast off behind the sinker posts.

Turn the sample upside down and pick up the stitches from above (which will now be below since the work is upside down) the nylon cord to knit the pocket lining. Knit 40 rows stocking stitch at main tension and cast off.

Remove the nylon cord. Poke the pocket top through the "buttonhole" and pull the lining down — the knit side is visible through the hole. Slip stitch the pocket lining into place and neatly sew the pocket top edges down.

SAMPLE 2
– Free Hanging Pocket

Cast on and knit the rib as in the previous sample. Insert the punchcard and knit 40 rows Fair Isle pattern, ending with the carriage on the right. Lock the punchcard. Make a note of the row counter number so that you can reset it after knitting the pocket, then set it to 000. Set the carriage for holding position and work the pocket over the centre 30 stitches as follows:

Remove the yarns from the feeders. Break off the main yarn (you can wind off a ball before you start and use it to knit the pocket thus avoiding an extra end to sew in if you wish) and hook the contrast around the end of the machine — you will find a clip or slot for this purpose at the edge of the needlebed. Now knit the pocket top over the centre stitches, please use weights to make sure that all the stitches knit off properly.

Push 20 needles at each side into holding position. Set the carriage to knit stocking stitch. Thread the main yarn into feeder 1 and take it over the top of the needles in holding position on the right. Reduce the tension by one number and knit one row to the left. Wrap the inside needle in hold on the next row only (to prevent a hole forming) — the yarn end will be used to neaten the other end of the pocket top) and knit 8 rows more. Knit one row at main tension followed by a further 9 rows at the lower tension. To close the pocket top, pick up along the first row of stitches knitted in the main yarn only. Bring the needles out until the stitches fall behind the latches and then push them back until they are in C position (upper working position).

Knit the pocket bag in stocking stitch, over the same centre stitches: Keep the tension dial one number lower than the main tension (this makes the bag more firm and less likely to hang below the hem) and knit 80 rows. Break off the yarn leaving an end for sewing up.

Now carry on with the rest of the main knitting. Return all needles from holding position back to working position — this can be done with the triple transfer tool or you can knit one row over all needles with the nylon cord and them pull it back, needle by needle, to return the stitch loops into the latch hooks. Provided you have left the punchcard locked in position as instructed, the next row will now be set into the drums on the back of the carriage ready to continue pattern knitting. Set the row counter to the number previously noted (this is more important when knitting an actual garment). Set the carriage for Fair Isle and thread both main and contrast yarn into appropriate feeders. Release the punchcard, knit 30 rows and cast off.

Sew the pocket tops together and neatly sew them to the garment, carefully tidying up any stretching which may have occurred during the holding position knitting. Sew the edges of the pocket bag together.

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LETTERS, HINTS & TIPS

If you have an amusing or interesting bit of chit-chat or a helpful hint which you'd like to share with your fellow readers, or perhaps have a question or a problem you think your fellow readers can help with, write to us — we'll send you a £5 reward if your letter is published.

Dear Editor,

I have a tip for users of the Knitmaster 580 with P.E.1 Design Controller. After experimenting with various places to site the P.E.1 when knitting, I came up with this idea:

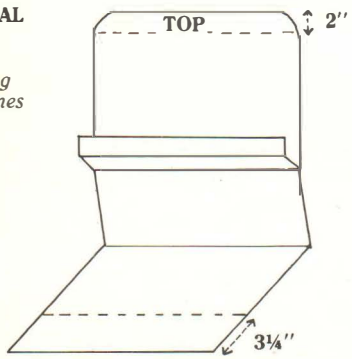
I have had in my possession for some time, a pattern/book stand (which I have drawn in outline). After sawing pieces off as shown and turning it upside down, it will slide under the machine and hold the P.E.1 quite firmly. I secure it at the front of the knitting table with a spare bracket to stop the P.E.1 from pushing it out when the buttons are pressed.

Yours sincerely,

Margaret Holden, Kirkham, Preston.

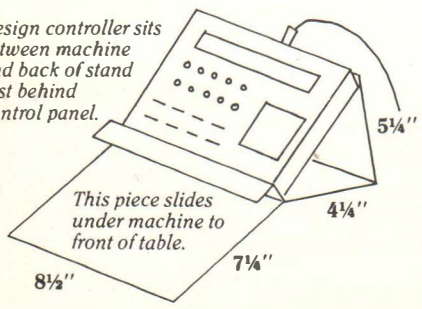
ORIGINAL STAND

Cut along dotted lines



MODIFIED STAND

Design controller sits between machine and back of stand just behind control panel.



Dear Editor,

I love your magazine, particularly as I have a "Family" of Knitmaster machines. The February issue was especially good but — FELT applique on children's wear? Felt just does not wash, and children just never keep their clothes clean — I can't imagine busy mothers taking them off and sewing them on again after washing the sweater!!

Never mind, the idea can be used by substituting a more child-proof fabric!

Yours sincerely,

A.E. Long, Bristol.

Dear Miss Long,

We have received a couple of letters from other readers too who, quite understandably, have pointed out the impracticality of using felt in this way. However, the design in question and the Swatch Spot feature in the same issue have appealed to so many of you that we made enquiries and have received information that a washable "felt substitute" is sometimes available from John Lewis Department Stores, so it may be worth enquiring at your nearest branch.

As you point out, the idea can certainly be applied to washable, colourfast fabrics but, in case you decide to use up oddments of fabric from your sewing box, test wash a piece beforehand to ensure satisfactory results and choose a fabric which does not fray easily as edges will have to be neatened.

Dear Editor,

I have a terrific cast on which I would like to share with my fellow knitters. This method has plenty of flexibility but will never lose its shape, so solves the problem of baggy welts and cuffs, and can be worked on most machines with a ribber.

First, set up the needles for a cast on as described in the instruction manual for your machine, bringing needles out to D or E position as appropriate. Set the row counter to 001 and bring the yarn end down from the tension mast, securing it between both needlebeds with a clothes peg.

Starting at the left, e wrap the first needle on the main bed, take the yarn up behind that needle clockwise, then bring it down to the ribber needle opposite, winding the yarn anti-clockwise. Continue this procedure all the way along both beds. Feed the yarn end into the ribber arm, set the cams on both main and ribber bed to the lowest possible mark. When you knit across this row it will be tight, but do not stop the carriage half way or it will jam, and you will have to begin again. Try this on a small sample first, as it requires a little practice!

Put in your cast on comb as usual, with weights attached and carry on knitting your desired rib. Since discovering the advantages of this method I always use it now for my ribs and cannot go back to the conventional cast on!

Yours sincerely,

Freda Weigand, Ontario, Canada.

Dear Editor,

I thought this might cheer up other readers in these gloomy times:

I knitted a Shetland jumper for a young girl recently which incorporated horse head motifs. When I gave it to her I told her that it was made of Shetland Wool and that she must tell her Mother to wash it carefully.

Apparently, she arrived home, showed it to her Mother and declared that it was made from Shetland ponies!!

Yours sincerely,

Colette Frew, Longniddry, East Lothian.

£5 reward £5 reward £5 reward £5 reward £5 reward £5 reward £5 reward £5 reward

LETTERS, HINTS & TIPS

Dear Editor,

Although I have had my Passap 6000 for nearly two years, I am still a complete novice to the machine knitting world. This has not been through choice — business and ill health prevented me the luxury of using the machine until recently. I have now found the will to enjoy my life since retiring from business and returning to sound health.

I am pleased to say, I have just joined the ranks of your faithful Modern Machine Knitting followers and have thoroughly enjoyed my first two issues of the magazine which, I hasten to add, has given me that added interest. I was a designer by trade and your articles have given me the opportunity to apply designs to fabric as opposed to paper. However, I am still at a loss to follow a machine knitting pattern and, for that matter, find difficulty in understanding the materials stated in some patterns which I purchase from time to time. For example, the materials might say 500grm cones, but not whether it is 3ply, 4ply or whatever. Perhaps one of your avid readers would be kind enough to assist this helpless mishap.

Yours sincerely,

Mrs R. Somerset, Andover, Hampshire.

Dear Mrs Somerset,

Welcome to Modern Machine Knitting. We're glad to hear that our magazine has inspirational value, and hope that you will continue to find more in issues to come! Regarding the advice your require on yarn types in the patterns, here are some helpful tips.

First, we always give the yarn type used for the illustrated garment BUT, in simple terms, it may not be any particular "ply", as many yarns are spun in such a way that they are not traditional 3ply or 4ply and therefore it is not possible to describe them as such. However, many yarns "knit" to "4ply" tensions and are therefore described in this way or as a 4ply "equivalent". Where no particular ply can be likened the yarn manufacturer will simply use the yarn name to describe the yarn and we follow suit.

This can be confusing to beginners but there are two things which are important. One is that a garment knitted up from a written pattern instruction should always be made in the yarn stated, otherwise there is absolutely no guarantee that the sizing will end up as specified. If you think you can obtain the same stitch and row tensions and want to chance it, then you can try an alternative yarn but there are no guarantees for perfect results.

It is sometimes difficult for readers to obtain certain yarns but we try always to use qualities which are readily available throughout the country and you will find our regular slot "Yarns Used In The Patterns" a helpful guide to yarn thickness and texture.

You do not say in your letter whether the pattern instructions you have difficultly in following are patterns in general or those from this magazine. As a Passap owner, you will find that there are specific differences in the way in which your machine produces the various stitch patterns to those made on the Japanese models (for which this magazine caters) and therefore we suggest that you would be better advised to buy patterns which are written specially for your type of machine or at least seek the help of an experienced knitter who may be able to translate the instructions for you where suitable. You might find it useful to enquire in your area about local clubs, classes or courses. Many a problem has been solved through contact with other knitters as there is always a wealth of experience to be shared!

Dear Editor,

I was looking through my pile of 1990 issues of Modern Machine Knitting and two sweaters in particular reminded me of a useful technique I would like to pass on.

The two garments, pattern No. 7 in the May issue and pattern No. 12 in the February issue, have one thing in common — they have panels of different colours, a design feature which has considerable possibilities. Pattern No. 7 is seamed at centre front and centre back AFTER the knitting is completed while pattern No. 12 uses Intarsia to produce the traditional four pieces of back, front and two sleeves.

My technique is to knit separate panels, changing colours as required, but seaming together ON THE MACHINE while knitting each subsequent panel. Take, for example, pattern No. 7 in the May issue:

Starting with waste yarn, because the welts are knitted separately, knit the LEFT front as shown on the chart. Start the RIGHT front with waste yarn also, finishing with the carriage at left of the needlebed. Join in main yarn and knit one row. The carriage is now at right. Take a single transfer tool and pick up the first loop on the centre front edge of LEFT front with wrong side of work facing you, and hang this loop on the end needle in work on the centre front edge (lefthand side of knitting) of the RIGHT front. Knit two rows. Carriage at right. Pick up next edge loop of LEFT front centre front seam and place on same needle as before. Knit two rows. Continue to join the two pieces until the front placket is reached, changing colour as required, which in this design is on the same rows on each piece. The back pieces are joined in the same way, right up to the back neck shaping.

Pattern No. 12 from the February issue has five vertical panels to each of the back and front pieces, with five colour changes in each panel. I would start with the centre panel and join subsequent panels on each side, but it could be worked in a sequence preferred by the individual knitter. It would be advisable to plot the colour sequence before starting to knit.

This method of joining gives neat, flat seams which are difficult to detect and it is quicker and more simple than written instructions make it seem! I have found the plating feeder provides some interesting and subtle combinations for these "patchwork" sweaters.

Yes, your patterns do indeed go a very long way!

Yours sincerely,

Joan Shelley, Newton Abbot, Devon.

£5 REWARD!

We look forward to receiving your letters, hints and tips but do you know our new address:

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Pattern 1

PINK WAISTCOAT

Continuing our mix and match collection this month we start with this super useful little waistcoat. Knitted in vibrant bright pink and with an interesting hand transferred lace border. This jazzy little number will liven up any outfit. Wear it over a shirt to create a smart look or team it with jeans for a cosy finish.

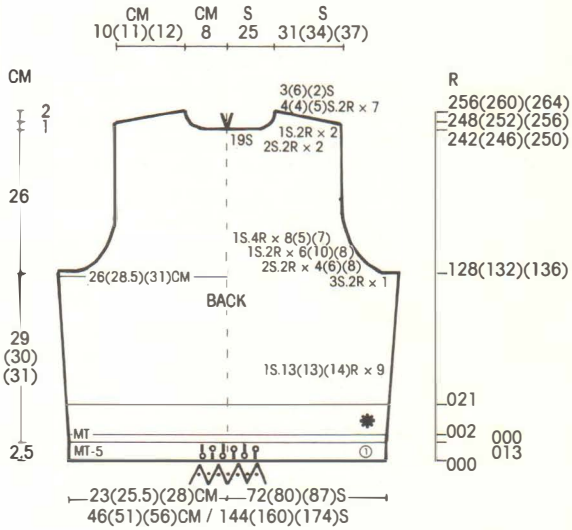
For Standard Gauge Machines with Ribbing Attachment.

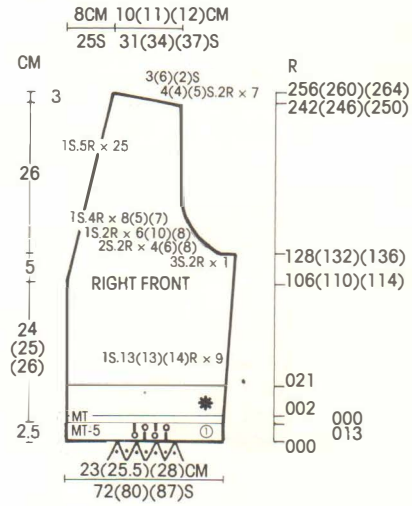
SIZES:
To fit 81-86(91-96)(101-106) cms /32-34(36-38)(40-42) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
4ply
Col 1 (Bright Pink) — 200(250)(300) grms.
7 buttons.

TENSIONS:
Stockinet — 31 sts and 44 rows to 10 cms. TD at approx. 5 (MT)
1 × 1 Rib — 48 rows to 10 cms. TD at approx. MT-5
Double Rib (measured over 14 sts) — 40 rows to 10 cms. TD's at approx. MT-2.

PATTERN NOTE:
Lace Border — follow chart.





BACK:
Push 72(80)(87) Ns at left and right of centre 0 to WP. 144(160)(174) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 ×1 rib. Using col 1, cast on. RC 000. MT-5, knit 13 rows. Transfer sts to knitter. RC 000. MT. Shape as shown on diagram, AT THE SAME TIME knit 2 rows stockinet, 19 rows lace pattern then continue in stockinet. 162(178)(192) sts. Knit to Row 128(132)(136).
Shape Armholes
Shape as shown on diagram. 112(118)(124) sts. Knit to Row 242(246)(250).
Shape Shoulders
Shape as shown on diagram to Row 248(252)(256).
Shape Back Neck
Shape as shown on diagram to Row 256(260)(264). Cast off rem 3(6)(2) sts. Knit left part as for right part.

RIGHT FRONT:
Push 72(80)(87) Ns at right of centre 0 to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 1 ×1 rib. Using col 1, cast on. RC 000. MT-5, knit 13 rows. Transfer sts to knitter. RC 000. MT. Shape right edge as shown on diagram to Row 106(110)(114), AT THE SAME TIME, knit 2 rows stockinet, 19 rows lace pattern then continue in stockinet.
Shape Front Edge
Shape as shown on diagram to Row 128(132)(136).
Shape Armhole
Shape as shown on diagram. Knit to Row 242(246)(250).
Shape Shoulder
Shape as shown on diagram to Row 256(260)(264). Cast off rem 3(6)(2) sts.

LEFT FRONT:
Knit as for Right Front but in reverse.

Continued on page 28

Pattern 1

Pattern 2

SCOOPED NECK T-SHIRT

Fitted sweaters are becoming more popular as well as trendy. This simple yet effective sweater has front button detail. We've knitted ours in bluebell with contrast ribs in black. But of course it could be knitted in a variety of colour combinations. For example, cream with navy buttons for that nautical look or totally one colour to co-ordinate with that certain skirt.

For Standard Gauge Machines with Ribbing Attachment.

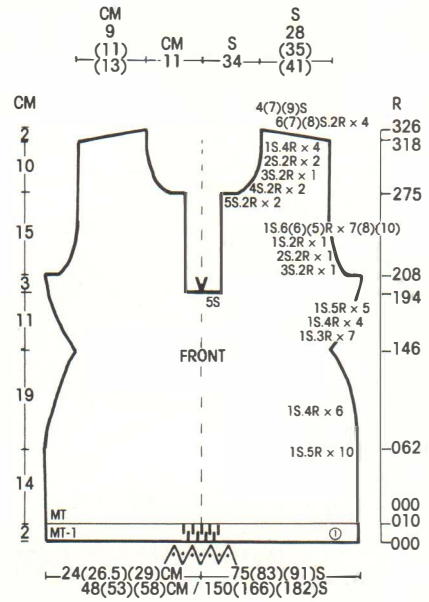
SIZES:
To fit 81-86(91-96)(101-106) cms / 32-34(36-38)(40-42) inch bust.

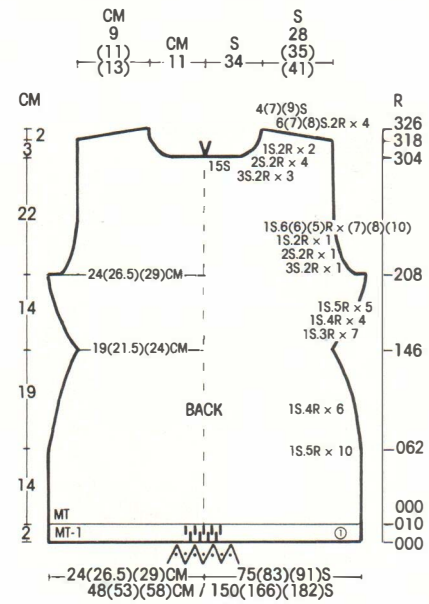
APPROXIMATE YARN TYPES AND AMOUNTS:
4ply
Col 1 (Bluebell) — 300(360)(420) grms.
Col 2 (Black) — 30(35)(40) grms.
6 buttons.

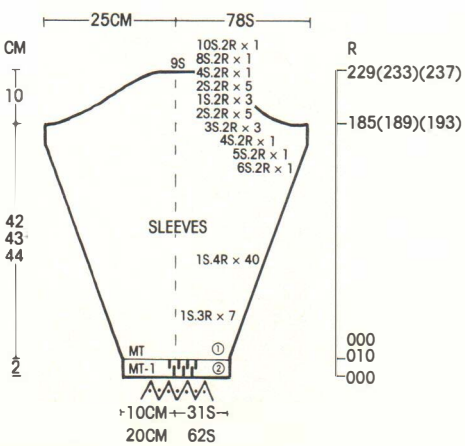
TENSIONS:
Stockinet — 31 sts and 44 rows to 10 cms. TD at approx. 5 (MT)
2 × 1 Rib — 49 rows to 10 cms. TD's at approx. MT-3

PATTERN NOTE:
Stockinet.

MIX 'N' MATCH Collection







BACK:
Push 75(83)(91) Ns at left and right of centre O to WP. 150(166)(182) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for double rib. Using col 1, cast on. RC 000. MT-1, knit 10 circular rows. Transfer sts to knitter. RC 000. MT. Knit to Row 62. Shape as shown on diagram. 118(134)(150) sts. Knit to Row 146. Shape as shown on diagram to Row 208. 150(166)(182) sts.
Shape Armholes
Shape as shown on diagram. 124(138)(150) sts. Knit to Row 304.
Shape Back Neck
Shape as shown on diagram to Row 318.
Shape Shoulder
Shape as shown on diagram to Row 326. Cast off rem 4(7)(9) sts. Knit left part as for right part.

FRONT:
Knit as for Back to Row 194.
Divide for Front Opening
Shape as shown on diagram to Row 208.
Shape Armhole
Shape as shown on diagram. Knit to Row 275.
Shape Neck
Shape as shown on diagram. Knit to Row 318.
Shape Shoulder
Shape as shown on diagram to Row 326. Cast off rem 4(7)(9) sts. Knit left part as for right part.

SLEEVES:
Push 31 Ns at left and right of centre O to WP. 62 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for double rib. Using col 2, cast on. RC 000. MT-1, knit 10 circular rows. Transfer sts to knitter. RC 000. MT. Using col 1, shape as shown on diagram. 156 sts. Knit to Row 185(189)(193).
Shape Top
Shape as shown on diagram to Row 229(233)(237). Cast off rem 18 sts.

BUTTONHOLE BAND:
Arrange 56 Ns for 2 × 1 rib. Using col 2, cast on. RC 000. MT-3, knit 7 rows. Make 5 evenly spaced buttonholes over 4 Ns, knit 7 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

BUTTON BAND:
Knit as for Buttonhole Band but omit buttonholes.

NECKBAND:
Arrange 108 Ns for 2 × 1 rib. Using col 2, cast on. RC 000. MT-3, knit 4 rows. Counting from the right edge, make a buttonhole over Ns 4, 5, 6 & 7. Knit 6 rows. Make a buttonhole over some Ns as before. Knit 4 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

Continued on page 29

Pattern 3

LONG LINE BLACK JACKET

Longline, jacket style cardigans are not only flattering but make a change from wearing coats and jackets on chilly days. This one is exceptionally elegant, knitted in simple black and worn with a classic cream blouse, this cardigan is a joy to wear for any occasion.

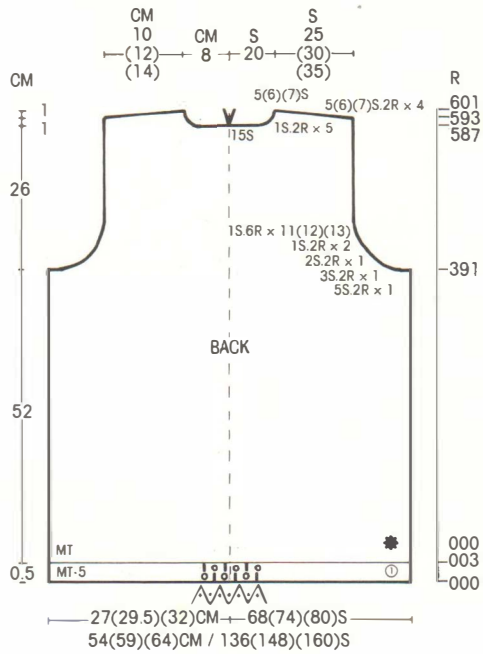
For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.

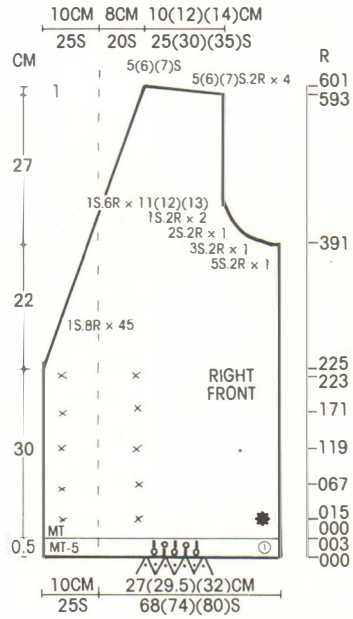
SIZES:
To fit 81-86(91-96)(101-106) cms / 32-34(36-38)(40-42) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
4ply
Col 1 (Black) — 500(560)(620) grms.
12 buttons.

TENSION:
Tuck Stitch — 25 sts and 75 rows to 10 cms. TD at approx. 5 (MT)

PATTERN NOTE:
Tuck Stitch — see chart.



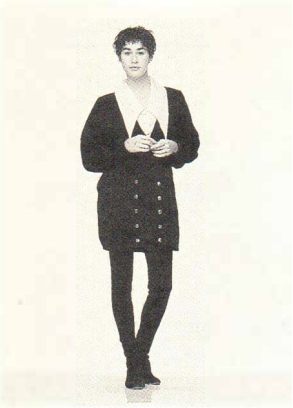


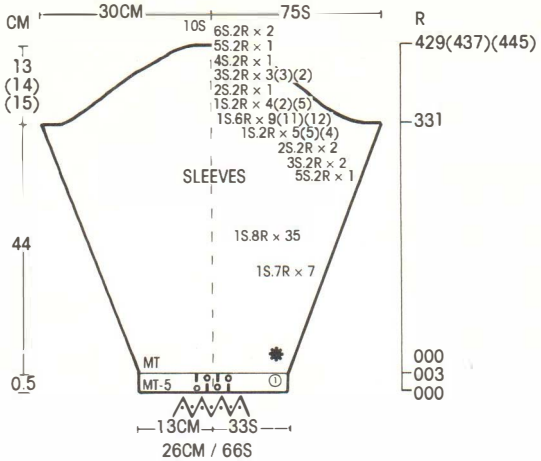
BACK:
Push 68(74)(80) Ns at left and right of centre 0 to WP. 136(148)(160) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on and knit 3 circular rows. Transfer sts to knitter. RC 000. MT. Continue in tuck stitch pattern, knit 391 rows.
Shape Armholes
Shape as shown on diagram. 90(100)(110) sts. Knit to Row 587.
Shape Back Neck
Note pos in pattern. Shape as shown on diagram to Row 593.
Shape Shoulder
Shape as shown on diagram to Row 601. Cast off rem 5(6)(7) sts. Keeping pattern correct, knit left part as for right part.

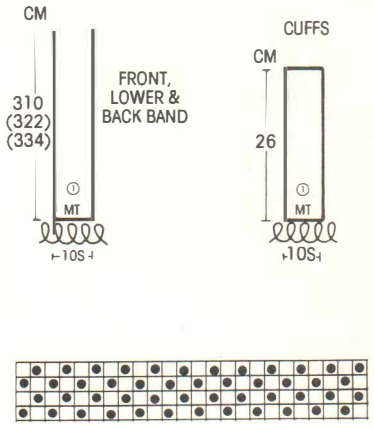
RIGHT FRONT:
Push 25 Ns at left and 68(74)(80) Ns at right of centre 0 to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 1, cast on and knit 3 circular rows. Transfer sts to knitter. RC 000. MT. Continue in tuck stitch pattern, knit 15 rows. Make buttonholes over Ns 14, 15, 16 & 17 at left and right of centre 0. Knit to Row 67. Make buttonholes as before. Knit to Row 119. Make buttonholes as before. Knit to Row 171. Make buttonholes as before. Knit to Row 223. Make buttonholes as before. Knit to Row 225.
Shape Front Edge
Shape as shown on diagram to Row 391.

Continued overleaf

Pattern 3 *continued*







Shape Armhole
Continue to shape front edge and shape armhole edge as shown on diagram. Knit to Row 593.
Shape Shoulder
Shape as shown on diagram to Row 601. Cast off rem 5(6)(7) sts.

LEFT FRONT:
Knit as for Right Front but in reverse and omit buttonholes.

SLEEVES:
Push 33 Ns at left and right of centre O to WP. 66 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib.

Using col 1, cast on and knit 3 circular rows. Transfer sts to knitter. RC 000. MT. Continue in tuck stitch pattern and shape as shown on diagram. 150 sts. Knit to Row 331.
Shape Top
Shape as shown on diagram to Row 429(437)(445). Cast off rem 20 sts.

CUFF BANDS:
Using col 1, cast on by hand 10 sts. MT. Continue in stockinet until band measures approximately 26 cms. Cast off.

FRONT, LOWER AND BACK BAND
Using col 1, cast on by hand 10 sts. MT. Continue in stockinet until band measures approximately 310(322)(334) cms. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves. Join side and sleeve seams. Sew one edge of cuff band into pos, allow to roll and catch down into pos. Sew one edge of front, lower and back band into pos. Allow to roll to the inside and catch down into pos. Finish buttonholes and sew on buttons to correspond. Sew one button to each cuff. Give final light steam.

Pattern 1 *continued*

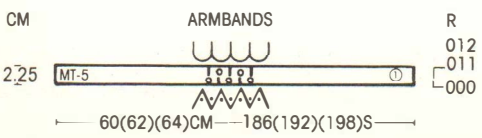
ARMBANDS:
Arrange 186(192)(198) Ns for 1 ×1 rib. Using col 1, cast on. RC 000. MT-5, knit 11 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

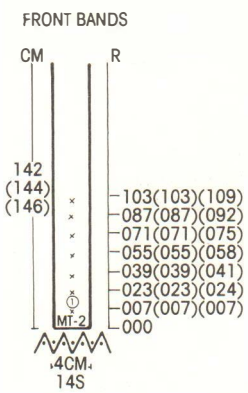
FRONT BAND:
Arrange 14 Ns for double rib. Using col 1, cast on. MT-2, knit 1 row. Transfer sts as follows:-

x	x												

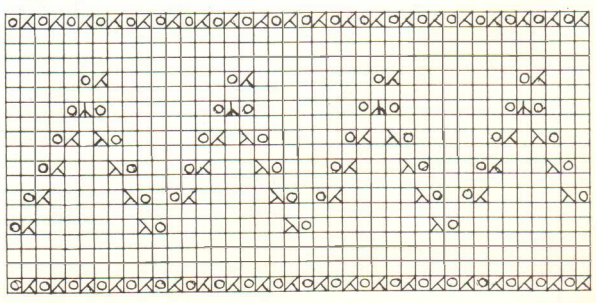
RC 000. Make buttonholes over centre 3 Ns on raws shown on diagram. 7 buttonholes altog. Continue to knit until band measures approx. 142(144)(146) cms. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Backstitch armbands into pas. Join side and armband seams. Sew front band into pas. Finish buttonholes and sew on buttons to correspond. Give final light steam.

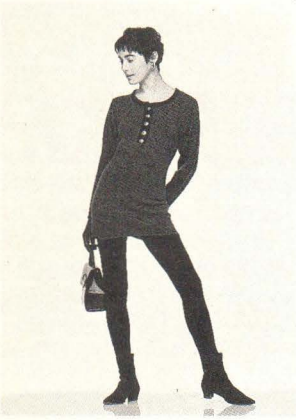


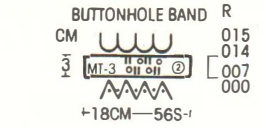


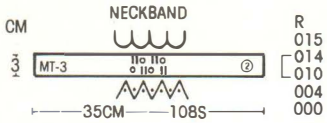
Lace Chart



Pattern 2 *continued*







Knit another piece in the same way but omit buttonholes.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves. Join side and sleeve seams. Backstitch front bands into pos lapping buttonhole band over button band. Neaten lower edge. Backstitch neckbands into pos including along top edge of front bands. Join centre back neck seam. Fold neckband in half and catch down on the inside. Finish buttonholes and sew on buttons to correspond. Give final light steam.

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Pattern 4

BOLERO JACKET

Boleros are not only fashionable but extremely comfortable to wear, worn over simple black tops and with jeans or leggings. We've knitted ours in a textured yarn in soft red. But of course, it can be knitted in any colour or your choice and swiss darned around the front edges for added design interest and colour.

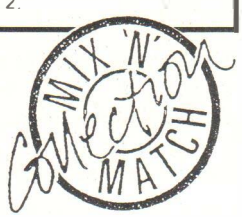
For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.

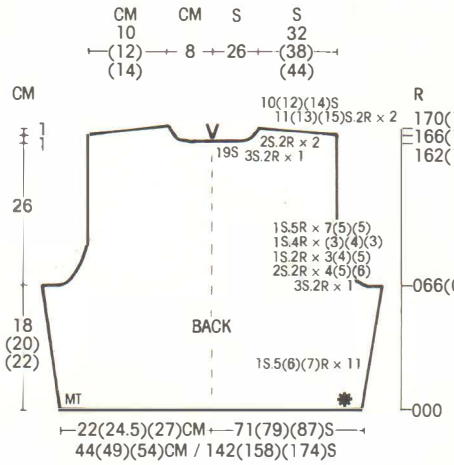
SIZES:
To fit 81-86(91-96)(101-106) cms /32-34(36-38)(40-42) inch bust.

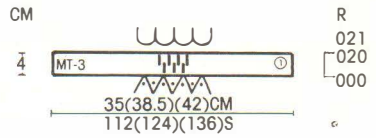
APPROXIMATE YARN TYPES AND AMOUNTS:
Textured 4ply
Col 1 (Red Pepper) — 360(410)(460) grms.

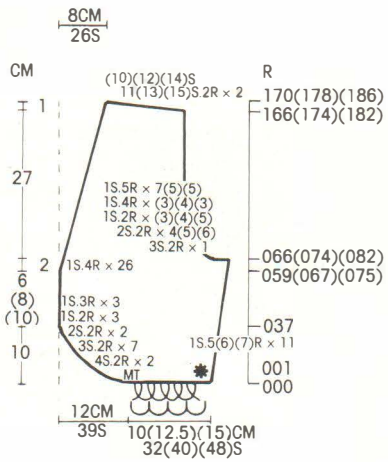
TENSIONS:
Self-Coloured Fair Isle — 32 st and 37 rows to 10 cms. TD at approx. 6 (MT)
Double Rib — 25 sts and 51 rows to 10 cms. TD's at approx. MT-3.

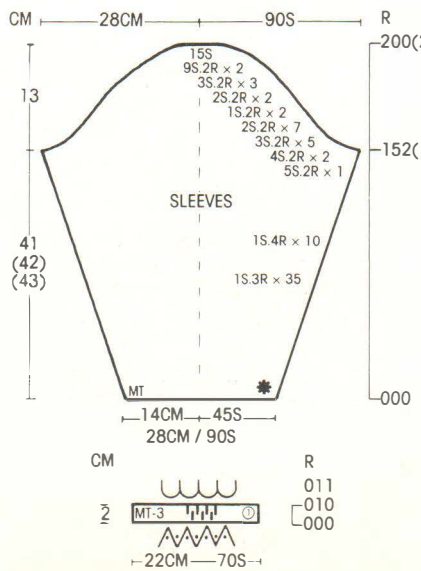
PATTERN NOTE:
Self-Coloured Fair Isle — see chart. Col 1 in feeder 1 and feeder 2.











BACK:
Arrange 112(124)(136) Ns for double rib. Using col 1, cast on. RC 000. MT-3, knit 20 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn. Push 71(79)(87) Ns at left and right of centre O to WP. 142(158)(174) Ns altog. With carr at right, pick up sts from below waste yarn on rib and place onto Ns increasing evenly. RC 000. MT. Continue in pattern. Knit 2 rows. Shape as shown on diagram. 164(180)(196) sts. Knit to Row 66(74)(82).

Shape Armholes
Shape as shown on diagram. Knit to Row 162 (170)(178).

Shape Back Neck
Note pos in pattern. Shape as shown on diagram to Row 166(174)(182).

Shape Shoulder
Shape as shown on diagram to Row 170(178)(186). Cast off rem 10(12)(14) sts. Keeping pattern correct, knit left part as for right part.

RIGHT FRONT:
Push Ns 40 to 71(79)(87) inclusive at right of centre O to WP. 32(40)(48) Ns altog. Using waste yarn, cast on. Push Ns to HP. Using col 1, cast on by hand. Push Ns to UWP. RC 000. MT. Continue in pattern. Knit 1 row. Shape as shown on diagram to Row 59(67)(75).

Shape Front Edge
Shape as shown on diagram to Row 66(74)(82).

Shape Armhole
Shape as shown on diagram. Knit to Row 166(174)(182).

Shape Shoulder
Shape as shown on diagram to Row 170(178)(186). Cast off rem 10(12)(14) sts.

LEFT FRONT:
Knit as for Right Front but in reverse.

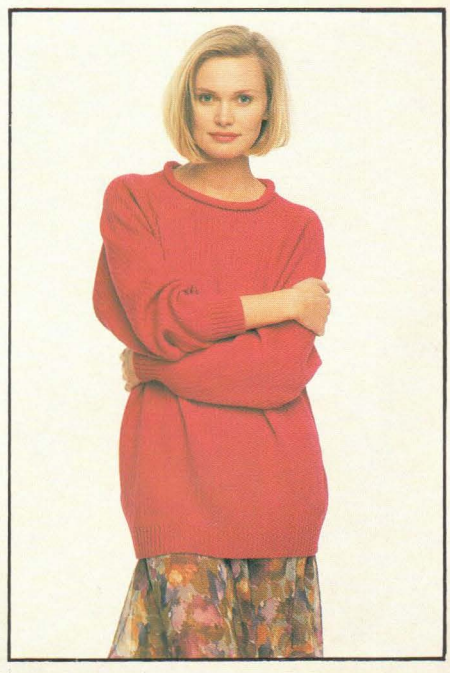
SLEEVES:
Arrange 70 Ns for double rib. Using col 1, cast on. RC 000. MT-3, knit 10 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn. Push 45 Ns at left and right of centre O to WP. 90 Ns altog. Pick up sts from below waste yarn on rib and place onto Ns increasing evenly. RC 000. MT. Continue in pattern and shape as shown on diagram. 180 sts. Knit to Row 152(156)(160).

Shape Top
Shape as shown on diagram to Row 200(204)(208). Cast off rem 30 sts.

Continued on page 37

Pattern 4

Pattern 5



RIBBY RAGLAN SWEATER

Another bright addition to your mix and match collection. This versatile ribby long sweater can be worn with your favourite Spring skirt or casually with leggings or jeans. It looks great layered over turtle neck tops on cooler days, or worn on its own on fresh Spring days. The small roll neck adds interest to this simple, yet effective design.

For Standard Gauge Machines with Ribbing Attachment.

SIZES:
To fit 81-86(91-96)(101-106) cms/32-34(36-38)(40-42) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
4ply
Col 1 (Bright Pink) — 470 (520)(570) grms

TENSIONS:
Rib Pattern — 31 sts and 44 rows to 10 cms. TD's at approx. 4 (MT) on knitter 3 on ribber.
2 × 1 Rib — 53 rows to 10 cms. TD's at approx. MT-2
1 × 1 Rib — 43 rows to 10 cms. TD's at approx. MT-2
Stockinet — 44 rows to 10 cms. TD at approx. MT+1

PATTERN NOTE:
Rib Pattern — Needle Arrangement

| | | |

Pattern 6

ART NOUVEAU CARDIGAN

Art-deco has been the inspiration for this unusual design, it has been knitted on an electronic machine but if you do not own one you could knit it on a standard gauge machine using an intarsia facility. This cardigan looks great worn over leggings or simple plain skirts, wear it with a blouse underneath or on its own with a silk scarf.

If you have any problems locating Spectrum Detroit Perle 4ply, please write to the address below for local stockist and mail order information. Please quote this issue of Modern Machine Knitting.

Spectrum Yarns,
Spa Mills, New Street,
Slaithwaite, Huddersfield, HD7 5BB.

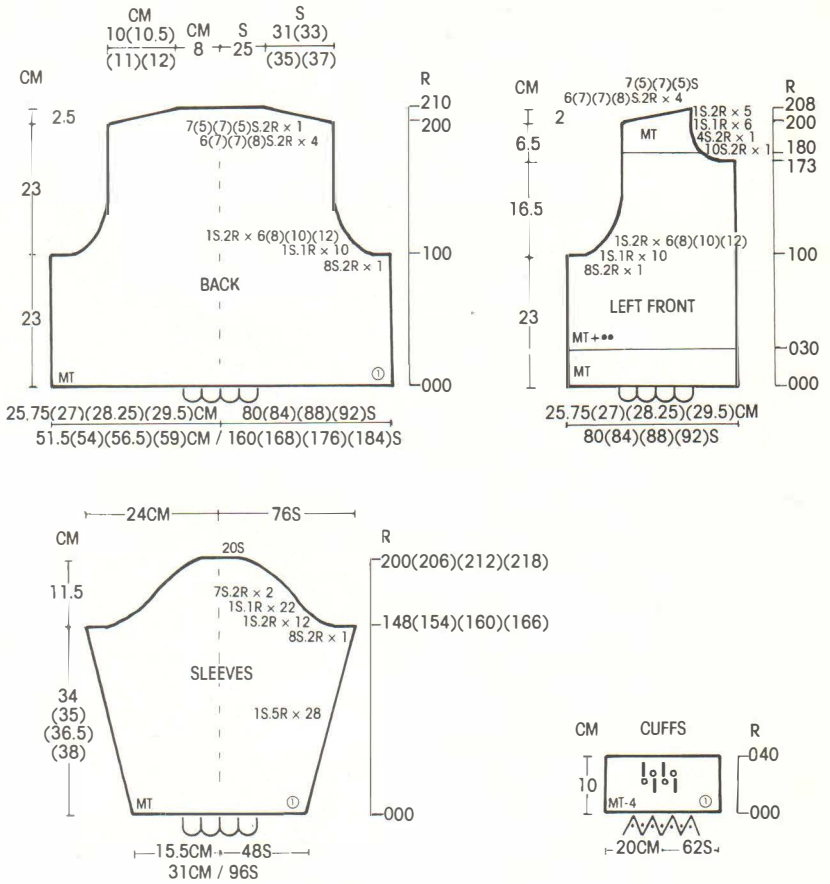
For Standard Gauge Electronic Machines with Ribbing Attachment, or Standard Gauge Machines with Intarsia Carriage.

SIZES:
To fit 86(91)(96)(101) cms / 34(36)(38)(40) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Spectrum Detroit Perle 4ply
Col 1 (Cream shade 862) — 400(425)(450)(475) grms
Col 2 (Smoke shade 871) — 40 grms
Col 3 (Serpentine shade 852) — 25 grms
Col 4 (Royal Shade 853) — 25 grms
8 buttons.

TENSIONS:
Stockinet — 31 sts and 44 rows to 10 cms. TD at approx. 8 (MT)
Fair Isle — 31 sts and 44 rows to 10 cms. TD at approx. MT+••

PATTERN NOTE:
Single Motif Fair Isle — see chart. Col 1 in feeder 1, Col 2 in feeder 2.



BACK:
Push 80(84)(88)(92) Ns at left and right of centre O to WP. 160(168)(176)(184) Ns altog. Using waste yarn, cast on. RC 000. MT. Using col 1, knit 100 rows.
Shape Armholes
Shape as shown on diagram. 112(116)(120)(124) sts. Knit to Row 200.
Shape Shoulders
Shape as shown on diagram to Row 210. Cast off rem 50 sts.

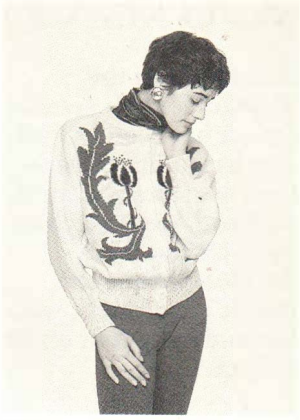
LEFT FRONT:
Push 40(42)(44)(46) Ns at left and right of centre O to WP. 80(84)(88)(92) Ns altog. Using waste yarn, cast on and knit several rows ending with carr at left. Set machine to knit single motif over 14(12)(10)(8) Ns at left of centre O and over 36(38)(40)(42) Ns at right of centre O. 50 Ns altog. Needle 1 cam at same pos as left point cam. RC 000. MT. Using col 1, knit 30 rows. MT+••, continue in single motif pattern, knit to Row 100.
Shape Armhole
Shape as shown on diagram. Knit to Row 173.
Shape Neck
Shape as shown on diagram to Row 180. MT. Continue in stockinet col 1 and continue to shape as shown on diagram. Knit to Row 200.
Shape Shoulder
Shape as shown on diagram to Row 208. Cast off rem 7(5)(7)(5) sts.

RIGHT FRONT:
Knit as for Left Front but in reverse and reverse position of single motif.

SLEEVES:
Push 48 Ns at left and right of centre O to WP. 96 Ns altog. Using waste yarn cast on. RC 000. MT. Using col 1, knit 2 rows. Shape as shown on diagram. 152 sts. Knit to Row 148(154)(160)(166).
Shape Top
Shape as shown on diagram to Row 200 (206)(212)(218). Cast off rem 40 sts.

CUFFS:
Arrange 62 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 40 rows. Transfer sts to knitter. With wrong side of sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. MT+2, knit 1 row. Cast off.

Continued overleaf



BACK WELT:
Arrange 112(122)(128)(138) Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 40 rows. Transfer sts to knitter. With wrong side of back facing, pick up sts from below waste yarn and place onto Ns gathering evenly. MT+2, knit 1 row. Cast off.

FRONT WELTS:
Arrange 56(61)(64)(69) Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 40 rows. Transfer sts to knitter. With wrong side of front facing, pick up sts from below waste yarn and place onto Ns gathering evenly. MT+2, knit 1 row. Cast off.

BUTTONHOLE BAND:
Push 154 Ns to WP. Using waste yarn cast on. RC 000. MT-1. Using col 1, knit 6 rows. Make buttonholes over Ns shown on diagram. Knit to Row 12. MT+2, knit 1 row. MT-1, knit to Row 19. Make buttonholes over same Ns as before. Knit to Row 25. Pick up sts from first row knitted in col 1 and place onto corresponding Ns. Knit 1 row MT. With wrong side facing, pick up sts along right front edge and place onto Ns in WP. MT+2, knit 2 rows. Cast off.

BUTTON BAND:
Knit as for Buttonhole Band but omit buttonholes. With wrong side facing, pick up sts along left front edge and place onto Ns in WP. MT+2, knit 2 rows. Cast off.

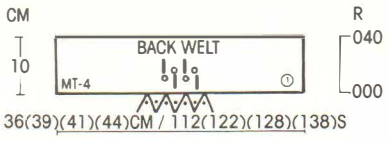
NECKBAND:
Pin out to size and steam carefully. Join shoulder seams. Push 158 Ns to WP. Using waste yarn cast on. RC 000. MT-1. Using col 1, knit 6 rows. Make a buttonhole over Ns shown on diagram.

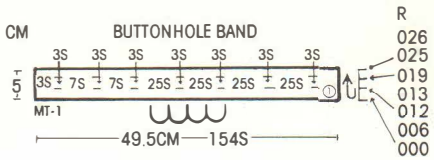
X = *Swiss darn in col 4*
O = *Swiss darn in col 3*

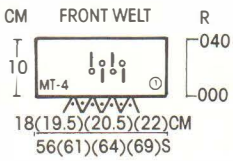
Pattern 6 *continued*

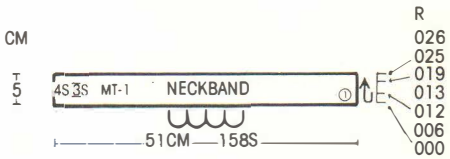
Knit to Row 12. MT+2, knit 1 row. MT-1, knit to Row 19. Make buttonhole over same Ns as before. Knit to Row 25. Pick up sts from first row knitted in col 1 and place onto corresponding Ns. Knit 1 row MT. With wrong side facing, pick up sts around neck edge including top of front bonds and place onto Ns in WP. MT+2, knit 2 rows. Cast off.

TO MAKE UP:
Set in sleeves. Join side and sleeve seams. Neaten ends of front bands and neckband. Finish buttonholes and sew on buttons to correspond. Swiss darn following chart. Give final light steam.

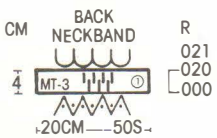








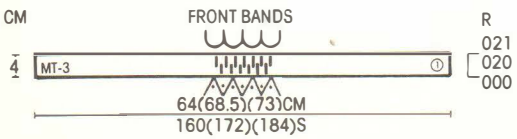
Pattern 4 *continued*

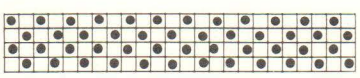


BACK NECKBAND:
Arrange 50 Ns for double rib. Using col 1, cast on. RC 000. MT-3, knit 20 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

FRONT BANDS (×2):
Arrange 160(172)(184) Ns for double rib. Using col 1, cast on. RC 000. MT-3, knit 20 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves. Join side and sleeve seams. Backstitch back neckband into pos. Backstitch front bands into pos. Join seams. Give final light steam.



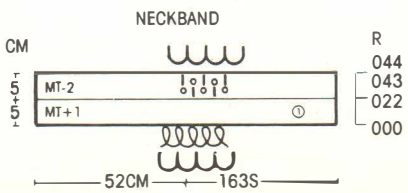


Pattern 5 *continued*

RIGHT SLEEVE:
Knit as for Left Sleeve but in reverse.

NECKBAND:
Push 163 Ns to WP. Using waste yarn, cast on. Push Ns to HP. Using col 1, cast on by hand. Push Ns to UWP. RC 000. MT+1, knit 22 rows. Transfer sts to ribber for 1 × 1 rib. MT-2, knit 21 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join raglan, side and sleeve seams. Backstitch neckband into pos and join centre back neck seam reversing stockinet section. Allow stockinet to roll to the outside. Give final light steam.



Pattern 7

BABY'S RIBBY SWEATER

Simple yet interesting this super baby's sweater, has a lovely soft texture and is innovative in design. Using a very straightforward needle arrangement which produces small squares of fisherman's (English) rib on the ribber and small squares of stockinet on the knitter, and finishes with a tuck stitch yoke. This cute sweater can be teamed with any of baby's wardrobe.

If you have any problems locating King-Cole Anti tickle 4ply, please write to the address below for local stockist and mail order information. Please quote this issue of Modern Machine Knitting.

King Cole Ltd,
Merrie Mills, Old Souls Way, Bingley,
W. Yorks, BD16 2AX.

For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.

SIZES:
To fit 46(51)(56) cms/18(20)(22) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
King Cole Anti-Tickle 4ply
Col 1 (Primrose) — 115(145)(175) grms
6 buttons

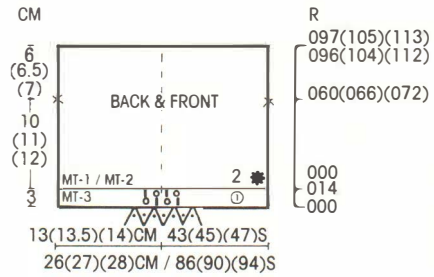
TENSIONS:
Tuck Stitch — 26 sts and 86 rows to 10 cms. TD at approx. 4 (MT)
Rib Pattern — 33 sts and 60 rows to 10 cms. TD's at approx. MT-1 on knitter and MT-2 on ribber.
1 × 1 Rib — 45 rows to 10 cms. TD's at approx. MT-3.

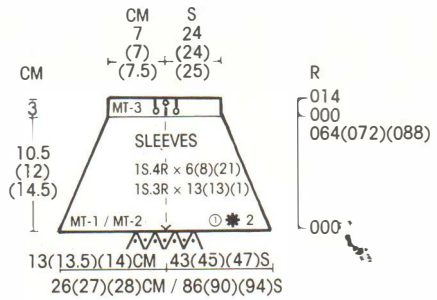
PATTERN NOTE:
Tuck Stitch 1 — See chart.
Rib Pattern 2 — Set machine for English Rib (tucking on ribber). Left set lever on I, right set lever on 0. Follow needle arrangement below.

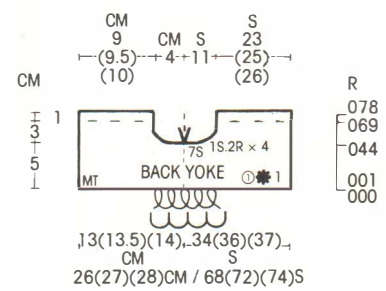
x = Ns in NWP I = Ns in WP. 0 = centre 0

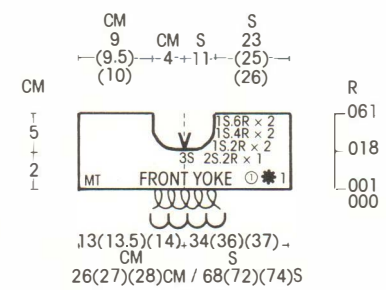
Knit 8 rows.

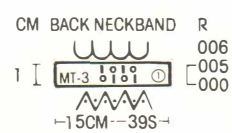
Knit 8 rows*. Rept from *to* throughout.











BACK AND FRONT ALIKE:
Push 43(45)(47) Ns at left and right of centre 0 to WP. 86(90)(94) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-3, knit 14 rows. RC 000. MT-1 on knitter and MT-2 on ribber. Continue in rib pattern. Knit to Row 60(66)(72). Mark both ends with waste yarn. Knit to Row 96(104)(112). Transfer sts to knitter. Knit 1 row MT. Cast off.

BACK YOKE:
Push 34(36)(37) Ns at left and right of centre 0 to WP. 68(72)(74) Ns altog. Using waste yarn, cast on. Push Ns to HP. Using col 1, cast on by hand. Push Ns to UWP. RC 000. MT. Knit 1 row. Continue in tuck stitch. Knit to Row 44.
Shape Neck
Note pos in pattern. Shape as shown on diagram. 23(25)(26) sts. Knit to Row 69. Make 3 evenly spaced buttonholes over 2 Ns. Knit to Row 78. Cast off. Keeping pattern correct, knit left part as for right part.

FRONT YOKE:
Knit as for Back Yoke to Row 18.
Shape Neck
Note pos in pattern. Shape as shown on diagram. 23(25)(26) sts. Knit to Row 61. Cast off. Keeping pattern correct, knit left part as for right part.

SLEEVES:
Push 43(45)(47) Ns at left and right of centre 0 to WP. 86(90)(94) Ns altog. Push corresponsing Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 1, cast on. Mark centre with waste yarn. RC 000. MT-1 on knitter and MT-2 on ribber. Continue in rib pattern. Shape as shown on diagram. 48(48)(50) sts. Knit to Row 64(72)(88). Transfer sts for 1 × 1 rib. RC 000. MT-3, knit 14 rows. Cast off.

BACK NECKBAND:
Arrange 39 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-3, knit 5 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

Continued on page 45

4.

Pattern 7

Pattern 8

GEOMETRIC AND STRIPED SWEATER

Geometric designs are always stunning and this punchcard design uses simple yet striking shapes. The good thing about Fair Isle designs is that they use up all those odds and ends you've been saving up. This sweater uses three colours, but you could of course use just two colours or even three, depending on your amounts of yarn. This design of course looks great worn with black leggings or a simple shortie skirt.

If you have any problems locating Tamm Trenzi 4ply, please write to the address below for local stockist and mail order information. Please quote this issue of Modern Machine Knitting.

Tamm Yarns,
The House of Corbiere,
Weston Road, Weston-Upon-Trent,
South Derbyshire, DE7 2BH.

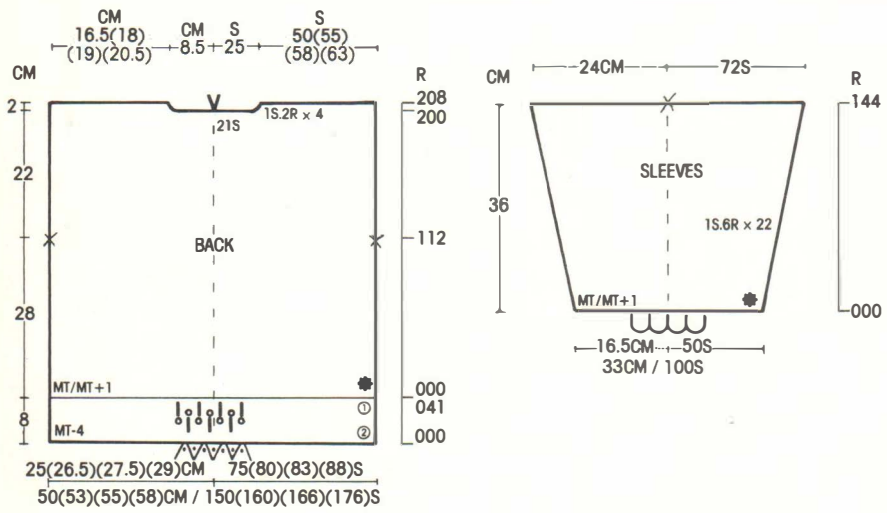
For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.

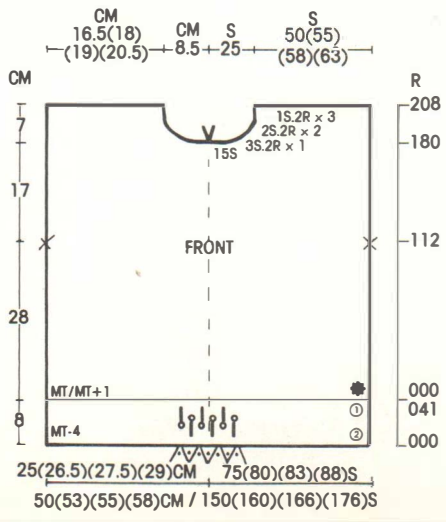
SIZES:
To fit 81(86)(91)(96) cms / 32(34)(36)(38) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Tamm Trenzi 4ply
Col 1 (Lemon shade 3502) — 170(180)(190)(200) grms
Col 2 (Black shade 3599) — 110(120)(130)(140) grms
Col 3 (Emerald shade 3584) — 105(115)(125)(135) grms.

TENSIONS:
Pattern — 30 sts and 40 rows to 10 cms.
TD at approx. 8 (MT).

PATTERN NOTE:
Fair Isle Patterns 1, 2 & 3 — see charts.
Insert card 1 and lock on row 1.
MT. Knit 2 rows col 2.
MT + 1. Release card. Set carr for Fair Isle.
Col 2 in feeder 1, Col 3 in feeder 2, knit 10 rows. Remove card. Insert card 2 and lock on row 1. Set carr for stockinet. MT.
Knit 2 rows col 2.
Knit 10 rows col 1.
Knit 2 rows col 2.
Knit 10 rows col 3.
Knit 2 rows col 2.
Knit 10 rows col 1.
Knit 2 rows col 2.
Knit 10 rows col 3.
Knit 1 row col 2.
Knit 10 rows col 3.
Knit 1 row col 2.
Knit 10 rows col 1.
Knit 2 rows col 2.
Knit 10 rows col 1.
Knit 2 rows col 2.
MT + 1. Release card. Set carr for Fair Isle.
Col 2 in feeder 1, Col 3 in feeder 2, knit 10 rows. Col 2 in feeder 1 only, knit 2 rows. Col 2 in feeder 1, Col 1 in feeder 2, knit 10 rows. Col 2 in feeder 1 only, knit 2 rows. Rept from *to* once more. Remove card. Insert card 3 and lock on row 1. Set carr for stockinet. MT.
Knit 6 rows col 1.
Knit 4 rows col 3.
Knit 2 rows col 2.
MT + 1. Release card. Set carr for Fair Isle.
Col 2 in feeder 1, Col 1 in feeder 2, knit 7 rows. Remove card. Insert card 1 and lock on row 1. Set carr for stockinet. MT.
Knit 2 rows col 2.
Knit 4 rows col 3.
Knit 9 rows col 1.
Knit 2 rows col 2.
Knit 12 rows col 3.
Knit 2 rows col 2.
MT + 1. Release card. Set carr for Fair Isle.
Col 2 in feeder 1, Col 3 in feeder 2, knit 14 rows.





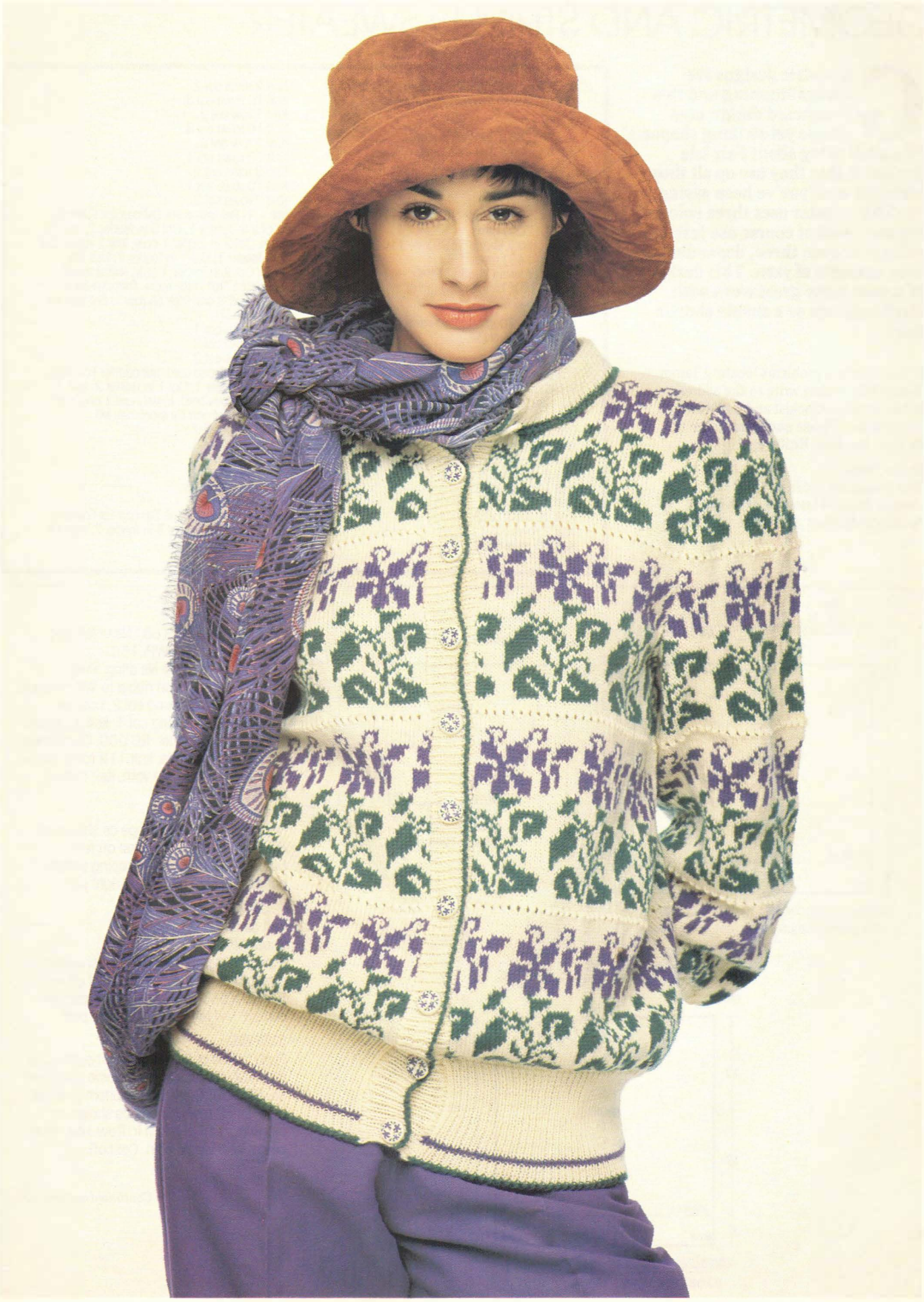
BACK:
Push 75(80)(83)(88) Ns at left and right of centre O to WP. 150(160)(166)(176) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 x 1 rib. Using col 2, cost on. RC 000. MT-4. Using col 1, knit 41 rows. Transfer sts to knitter. RC 000. Continue in pattern given in note, knit 112 rows. Mark both ends with waste yarn. Knit to Row 200.
Shape Back Neck
Note pos in pattern. Shope as shown on diagram to Row 208. Cast off rem 50(55)(58)(63) sts. Keeping pattern correct, knit left part as for right part.

FRONT:
Knit as for Back to Row 180.
Shope Neck
Note pos in pattern. Shape as shown on diagram. Knit to Row 208. Cast off rem 50(55)(58)(63) sts. Keeping pattern correct, knit left part as for right part.

SLEEVES:
Push 50 Ns at left and right of centre O to WP. 100 Ns altog. Using waste yarn cast on. RC 000. Continue in pattern given in note, knit 2 rows. Shape as shown on diagram. 144 sts. Knit to Row 144. Mark centre with waste yarn. Cost off.

Continued on page 45

Pattern 9



VIOLETS JACKET

Another great useful jacket style cardigan, but this one not only has a great punchcard design it has a bright Spring feel with vibrant violets all over. Hand made buttons have been designed to co-ordinate with the cardigan. This garment looks great over trousers as well as skirts, wear it on fresh Spring days for cosy warmth.

If you have any problems locating Forsell Pure New Wool 4ply, please write to the address below for local stockist and mail order information. Please quote this issue of Modern Machine Knitting.

T. Forsell & Sons Ltd,
Blaby Road, South Wigston,
Leics, LE8 2SG

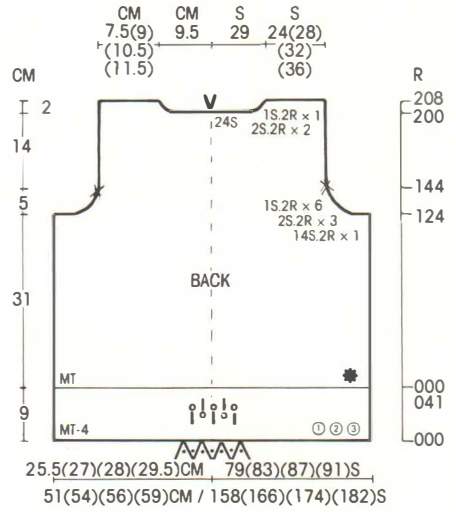
For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.

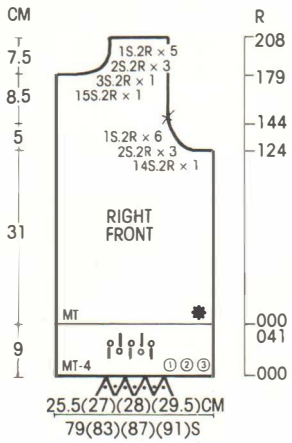
SIZES:
To fit 81(86)(91)(96) cms/32(34)(36)(38) inch bust.

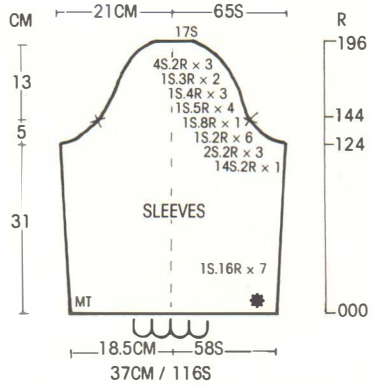
APPROXIMATE YARN TYPES AND AMOUNTS:
Forsell 4ply Pure New Wool
Col 1 (Ivory shade 100) — 1 × 400 grm cone
Col 2 (Teal shade 140) — 120(140)(160)(180) grms
Col 3 (Purple shade 157) — 40(55)(70)(85) grms
10 buttons.

TENSION:
Pattern — 31 sts and 40 rows to 10 cms.
TD at approx. 8 (MT)

PATTERN NOTE:
Fair Isle — see charts 1 & 2.
Insert card 1 and lock on row 1.
Knit 2 rows col 1. *Release card. Set carr for Fair Isle.
Col 1 in feeder 1, Col 2 in feeder 2, knit 25 rows.
Col 1 in feeder 1, Col 3 in feeder 2, knit 19 rows.
Remove card. Insert card 2 and lock on row 1. Set carr for stockinet.
Knit 4 rows col 1. Transfer ev alt st to its adjacent N, leave empty Ns in WP, knit 4 rows. Release card. Set carr for Fair Isle.
Col 1 in feeder 1, Col 2 in feeder 2, knit 25 rows.
Col 1 in feeder 1, Col 3 in feeder 2, knit 19 rows*. Remove card. Insert card 1 and lock on row 1. Set carr for stockinet.
Knit 4 rows col 1. Transfer ev alt st to its adjacent N, leave empty Ns in WP, knit 4 rows. Rept from *to* once more.
Continue in stockinet col 1.







BACK:
Push 79(83)(87)(91) Ns at left and right of centre 0 to WP. 158(166)(174)(182) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-4. Using Col 1, knit 6 rows. Using col 3, knit 2 rows. using col 1, knit to Row 41. Transfer sts to knitter. RC 000. MT. Continue in pattern given in note, knit 124 rows.
Shape Armholes
Shape as shown on diagram to Row 144. 106(114)(122)(130) sts. Mark both ends with waste yarn. Knit to Row 200.
Shape Back Neck
Note pos in pattern. Shape as shown on diagram to Row 208.
Cast off rem 24(28)(32)(36) sts.
Keeping pattern correct, knit left part as for right part.

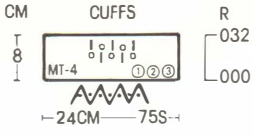
RIGHT FRONT:
Push 79(83)(87)(91) Ns at right of centre 0 to WP. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-4. Using col 1, knit 6 rows. Using col 3, knit 2 rows. Using col 1, knit to Row 41. Transfer sts to knitter. RC 000. MT. Continue in pattern given in note, knit 124 rows.
Shape Armholes
Shape as shown on diagram to Row 144. 53(57)(61)(65) sts.
Mark right edge with waste yarn. Knit to Row 179.
Shape Neck
Shape as shown on diagram. Knit to Row 208. Cast off rem 24(28)(32)(36) sts.

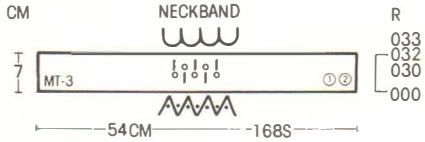
LEFT FRONT:
Knit as for Right Front but in reverse.

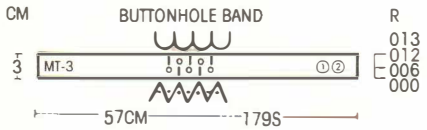
SLEEVES:
Push 58 Ns at left and right of centre 0 to WP. 116 Ns altog. Using waste yarn cast on. RC 000. MT. Continue in pattern given in note, knit 2 rows. Shape as shown on diagram. 130 sts. Knit to Row 124.
Shape Top
Shape as shown on diagram to Row 144. Mark both ends with waste yarn. Shape as shown on diagram to Row 196. Cast off rem 34 sts.

Continued overleaf

Pattern 9 *continued*







CUFFS:
Arrange 75 Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-4. Using col 1, knit 6 rows. Using col 3, knit 2 rows. Using col 1, knit to Row 32. Transfer sts to knitter. With wrong side of sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. Knit 1 row MT. Cast off.

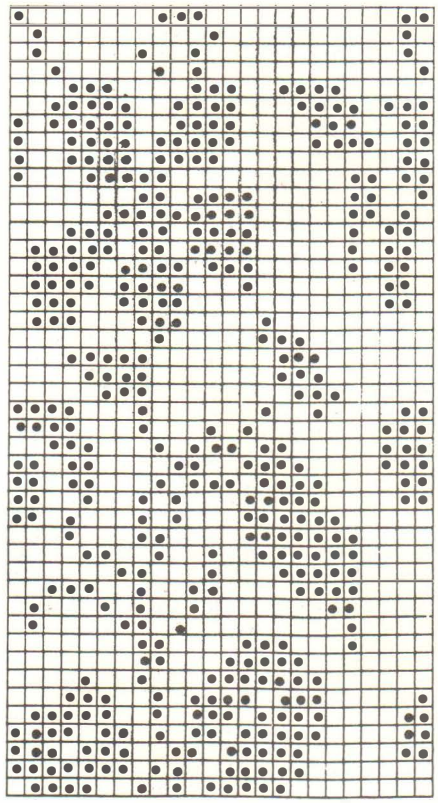
NECKBAND:
Arrange 168 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-3, knit 30 rows. Using col 2, knit 2 rows. Transfer sts to knitter. Using col 2, knit 1 row MT. Cast off with waste yarn.

BUTTONHOLE BAND:
Arrange 179 Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-3. Using col 1, knit 6 rows. Make 10 evenly spaced buttonholes over 3 Ns. Knit 6 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

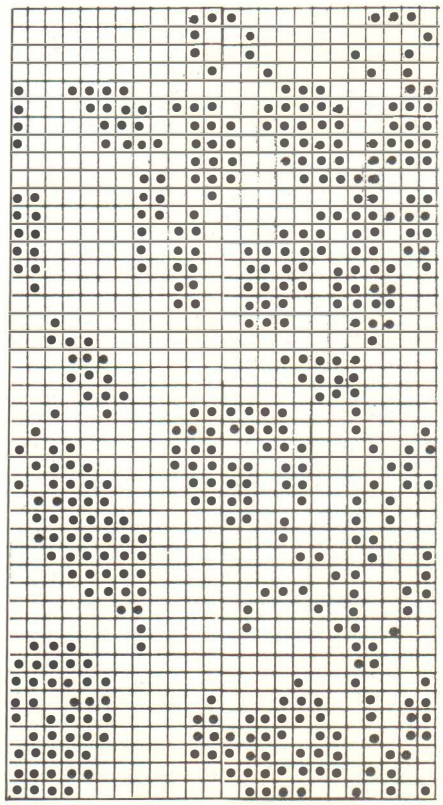
BUTTON BAND:
Knit as for Buttonhole Band but omit buttonholes.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves matching marked points and making a small pleat at top of sleeve. Join side and sleeve seams. Backstitch neckband into pos, fold in half and catch down on the inside. Backstitch front bands into pos. Finish buttonholes and sew on buttons to correspond. Give final light steam.

Card 1



Card 2

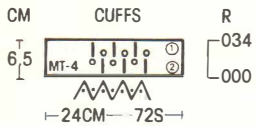


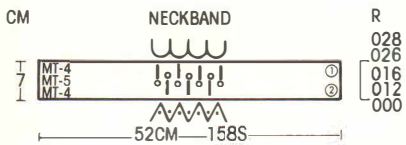
Pattern 8 *continued*

CUFFS:
Arrange 72 Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-4. Using col 1, knit 34 rows. Transfer sts to knitter. With wrong side of sleeve facing, pick up sts from below waste yarn and place onto Ns increasing evenly. Knit 1 row MT. Cast off.

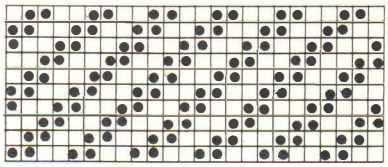
NECKBAND:
Arrange 158 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-4, knit 12 rows. MT-5, knit 4 rows. MT-4, knit 10 rows. Using col 2, knit 2 rows. Transfer sts to knitter. Knit 1 row MT col 2. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch neckband into pos and join centre back neck seam. Fold in half and catch down on the inside. Using col 2 embroider 'V' shapes over single row of col 2. Give final light steam.

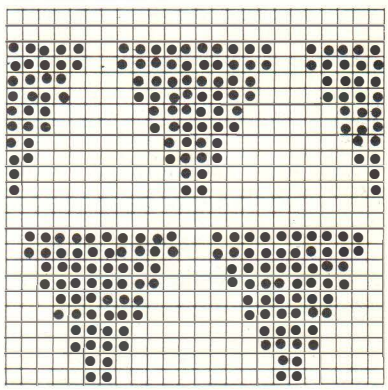




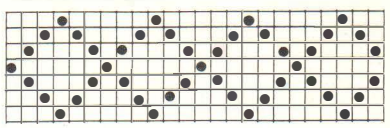
Fair Isle Pattern 1



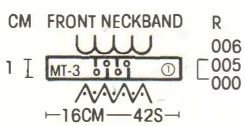
Fair Isle Pattern 2



Fair Isle Pattern 3

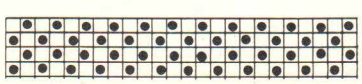


Pattern 7 *continued*



FRONT NECKBAND:
Arrange 42 Ns for 1 × 1 rib. Using col 1, cast on. RC 000. MT-3, knit 5 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

TO MAKE UP:
Pin out to size and steam carefully. Join back and front to yokes. Lap buttonhole edges of back yoke 2cm over front yoke and catch edges tog. Set in sleeves between marked points. Join side and sleeve seams. Backstitch neckbands into pos. Finish buttonholes and sew on buttons to correspond. Give final light steam.



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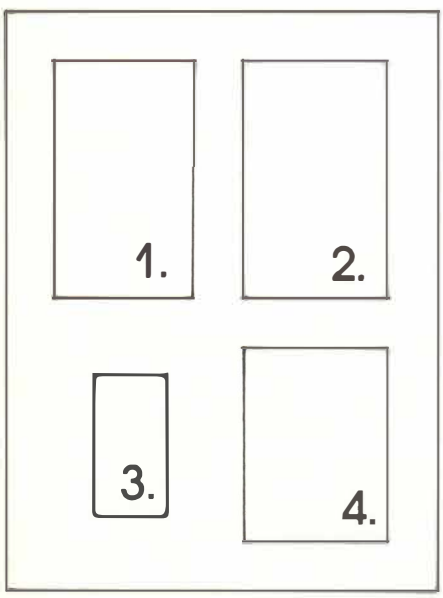
THE SWATCH SPOT

This months Swatch Spot was inspired by the fabrics from pattern 10. We have adapted the punchcards to make them suitable for owners of chunky punchcard machines and also enhanced the fabrics with flashed of bright colour using swiss daring. These ideas could well be put to use on a ski sweater for someone taking a late season ski holiday.

For standard gauge machine owners, we have taken card 1 from pattern 10 and used it to create some simple, single motif ideas. This random placing of a motif on a garment is an effective alternative use of a punchcard chart instead of the obvious all-over Fair Isle effect, perhaps you could try this technique with any other Fair Isle designs which you have got filed away.



Yarns Used:
For Swatches 1 & 2 — Chunky Type Yarn
For Swatches 3 & 4 — 4ly Yarn
Col 1 — Navy
Col 2 — Cream
Col 3 — Geranium
Col 4 — Marshmallow
Col 5 — Purple
Col 6 — Serpentine

SWATCH 1

(For Chunky Punchcard Machines)

Insert special card 1 for chunky machines and lock on row 1. Using waste yarn cast on 15 sts each side of centre O. 30 sts altog. Using col 1, knit 10 rows stockinet and turn up a hem. *Knit 2 rows col 1 only. Knit 1 row col 2 only. Release card. Set carr for Fair Isle. Col 2 in feeder 1, Col 1 in feeder 2, knit 15 rows. Lock card on Row 1. Set carr for stockinet. Col 2 in feeder 1 only, knit 1 row*. Rept from *to* for required length. Cast off. Pin out and press. Using small amounts of cols 3, 4, 5 and 6 swiss darn the centre of the diamonds as illustrated.

SWATCH 2

(For Chunky Punchcard Machines)

Insert special card 2 for chunky machines and lock on row 1. Using waste yarn cast on 15 sts each side of centre O. 30 sts altog. Using col 1, knit 10 rows stockinet and turn up a hem. Col 1 in feeder 1 only, knit 2 rows. Col 2 in feeder 1 only, knit 1 row. Release card. Set carr for Fair Isle. Col 2 in feeder 1, Col 1 in feeder 2, knit 15 rows. Remove card. Set carr for stockinet. Insert special card 2 for chunky machines and lock on row 1. Col 2 in feeder 1 only, knit 1 row. Col 1 in feeder 1 only, knit 2 rows. Release card. Set carr for Fair Isle. Col 1 in feeder 1, Col 2 in feeder 2, knit to required length. Cast off. Pin out and press. Using small amounts of cols 3, 4, 5 and 6 swiss darn the triangles and diamonds from card 1 and a random selection of the diamonds above as illustrated.

SWATCH 3

(For Standard Gauge Punchcard Machines)

Insert special card 1 for standard gauge machines and lock on row 1. Using waste yarn cast on 30 sts each side of centre O. 60 sts altog. Using col 1, knit 20 rows stockinet and turn up a hem. Knit 4 rows col 1 only. Set machine to knit single motif between centre O and N 12 at left of centre O. Release card. Set carr for Fair Isle. Col 1 in feeder 1 and col 2 in feeder 2, knit 15 rows. Return card to row 1 and lock. Set carr for stockinet. Knit 2 rows col 1 only*. Rept from *to* for required length. Cast off. Pin out and press. Using a selection of cols 3, 4, 5 and 6, swiss darn the centre of the diamonds as illustrated.

Continued on page 53

Pattern 10

FAIR ISLE COTTON SWEATER

Two-colour Fair Isle designs always look so stunning and cream and navy are a fashion must for this Spring. This boxy design has a neat border going into the simple all over design. Knitted in 'Tussah' slub effect cotton yarn, this is a fun Spring knit to add to this Season's wardrobe.

If you have any problems locating Designer Yarns Tussah Effect Cotton, please write to the address below for local stockist and mail order information. Please quote this issue of Modern Machine Knitting.

Designer Yarns,
PO Box 18, Longcroft,
Keighley, BD21 5AU.

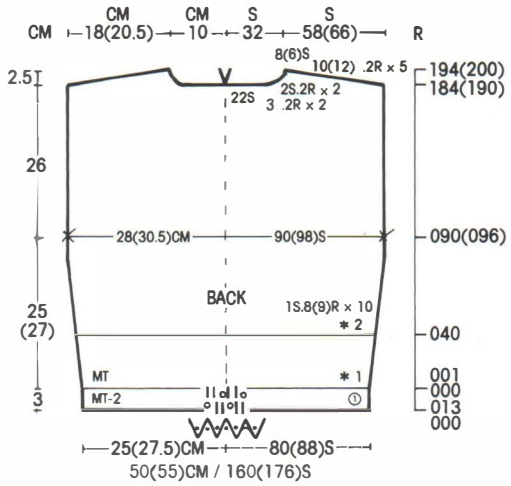
For Standard Gauge Punchcard & Electronic Machines with Ribbing Attachment.

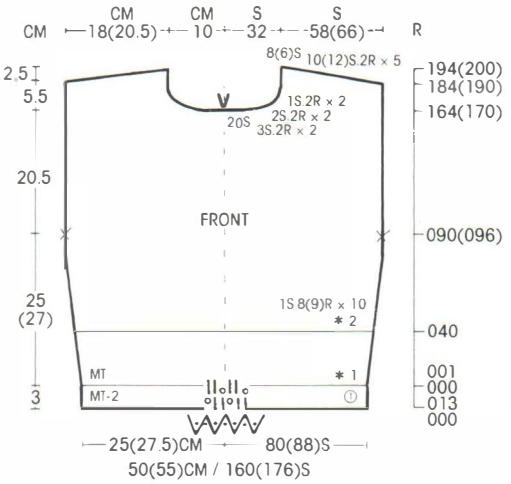
SIZES:
To fit 86-91(96-101) cms/34-36(38-40) inch bust.

APPROXIMATE YARN TYPES AND AMOUNTS:
Designer yarns Tussah Effect Cotton
Col 1 (Navy 1004) — 390(430) grms
Col 2 (Aran 1005) — 240(270) grms

TENSIONS:
Fair Isle Pattern 1 and 2 — 32 sts and 36 rows to 10 cms. TD at approx. 7 (MT)
2 × 1 Rib — 43 rows to 10 cms. TD's at approx. MT-2

PATTERN NOTE:
Fair Isle Patterns 1 & 2 — see charts.
Insert card 1 and lock on row 1.
Col 1 in feeder 1 only, knit 2 rows.
Col 2 in feeder 1 only, knit 1 row.
Release card. Set carr for Fair Isle. *Col 2 in feeder 1, Col 1 in feeder 2, knit 15 rows. Col 2 in feeder 1 only, knit 1 row. Col 1 in feeder 1 only, knit 2 rows* Col 2 in feeder 1 only, knit 1 row. Rept from *to* once more
Remove card. Insert card 2 and lock on row 1. Set carr for stockinet. Take carr across twice without knitting.
Release card. Set carr for Fair Isle. Col 1 in feeder 1, Col 2 in feeder 2 throughout



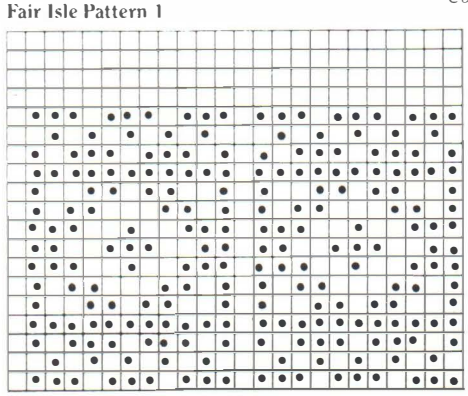


BACK:
Push 80(88) Ns at left and right of centre O to WP. 160(176) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 1 rib. Using col 1, cast on.
RC 000. MT-2, knit 13 rows. Transfer sts to knitter. RC 000. MT. Continue in pattern given in pattern note, AT THE SAME TIME knit 1 row.
Shape as shown on diagram. 180(196) sts. Knit to Row 90(96).
Mark both ends with waste yarn. Knit to Row 184(190).
Shape Back Neck & Shoulder
Note pos in pattern. Shape as shown on diagram to Row 194(200).
Cast off rem 8(6) sts. Keeping pattern correct, knit left part as for right part.

FRONT:
Knit as for Back to Row 164(170).
Shape Neck
Note pos in pattern. Shape as shown on diagram. Knit to Row 184(190).
Shape Shoulder
Shape as shown on diagram to Row 194(200). Cast off rem 8(6) sts.
Keeping pattern correct, knit left part as for right part.

Continued on page 52

Fair Isle Pattern 1



Pattern 11

CHILD'S CHUNKY SWEATER

One of our chunky designs this month is this cute little baseball style sweater. Complete with badge emblem, polo shirt collar and stripes this is a quick yet playful sweater to wear as well as to knit.

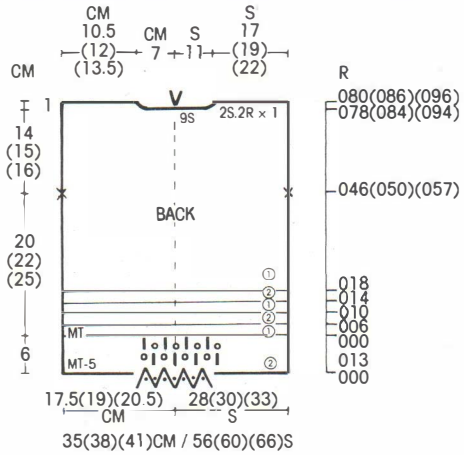
For 9mm Chunky Machines with Ribbing Attachment

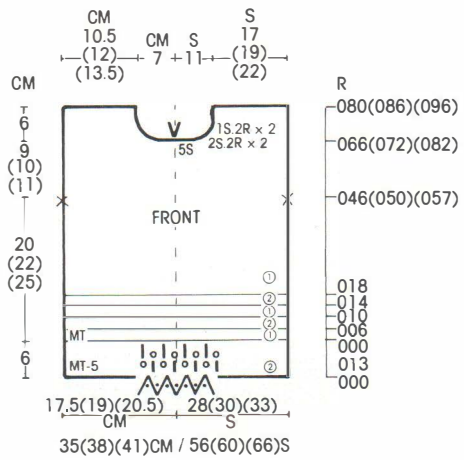
SIZES:
To fit 61(66)(71) cms/24(26)(28) inch chest.

APPROXIMATE YARN TYPES AND AMOUNTS:
Chunky Yarn
Col 1 (Cream) — 160(190)(220) grms
Col 2 (Navy) — 70(90)(110) grms

TENSIONS:
Stockinet — 16 sts and 23 rows to 10cms. TD at approx. 6 (MT)
1 × 1 Rib — 23 rows to 10 cms. TD's at approx. MT-5

PATTERN NOTE:
Stockinet.

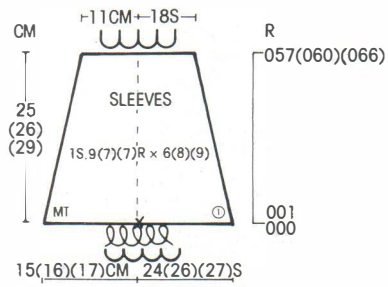


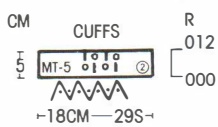


BACK:
Push 28(30)(33) Ns at left and right of centre O to WP. 56(60)(66) Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-5, knit 13 rows. Transfer sts to knitter. RC 000. MT. Using col 1, knit to Row 6. Using col 2, knit to Row 10. Using col 1, knit to Row 14. Using col 2, knit to Row 18. Using col 1, knit to Row 46(50)(57). Mark both ends with waste yarn. Knit to Row 78(84)(94).
Shape Back Neck
Shape as shown on diagram to Row 80(86)(96). Cast off rem 17(19)(22) sts. Knit left part as for right part.

FRONT:
Knit as for Back to Row 66(72)(82).
Shape Neck
Shape as shown on diagram. Knit to Row 80(86)(96). Cast off rem 17(19)(22) sts. Knit left part as for right part.

SLEEVES:
Push 24(26)(27) Ns at left and right of centre O to WP. 48(52)(54) Ns altog. Using waste yarn, cast on. Push Ns to HP. Using col 1, cast on by hand. Mark centre with waste yarn. Push Ns to UWP.
RC 000. MT. Knit 1 row. Shape as shown on diagram. 36 sts. Knit to Row 57(60)(66). Cast off with waste yarn.

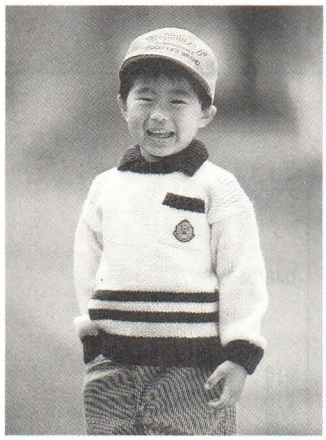




CUFFS:
Arrange 29 Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-5, knit 12 rows. Transfer sts to knitter. With wrong side facing, pick up sts from below waste yarn and place onto Ns gathering evenly. Knit 1 row MT. Cast off.

Continued overleaf

Pattern 11 *continued*

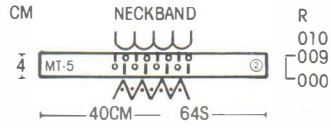


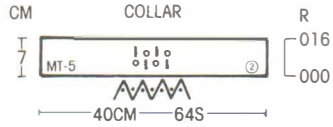
NECKBAND:
Arrange 64 Ns for 1 × 1 rib. Using col 2, cost on. RC 000 MT-5, knit 9 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

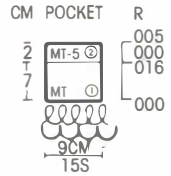
COLLAR:
Arrange 64 Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-5, knit 16 rows. Transfer sts to knitter. Cast off.

POCKET:
Push 15 Ns to WP. Using waste yorn cast on. Push Ns to HP. Using col 1, cast on by hand. Push Ns to UWP. RC 000. MT. Knit 16 rows. Transfer sts to ribber for 1 × 1 rib. RC 000. MT-5. Using col 2, knit 5 rows. Cast off.

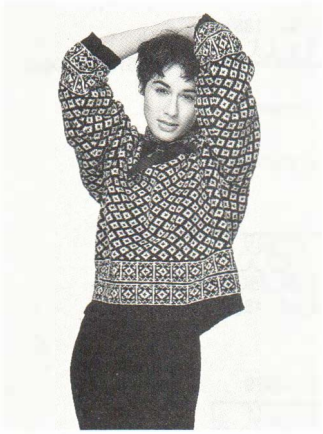
TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch neckband into pos and join centre back neck seam. Fold in half and catch down on the inside. Sew collar into pos inside neckband. Sew pocket into pos. Give final light steam.

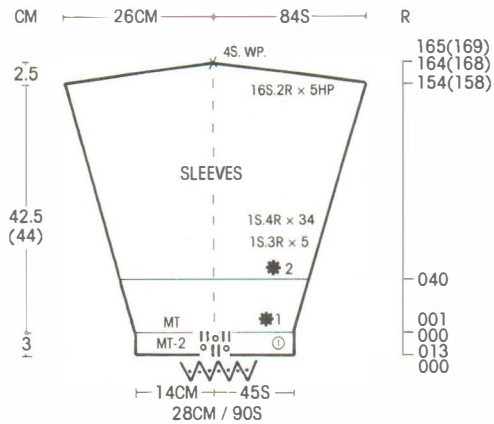


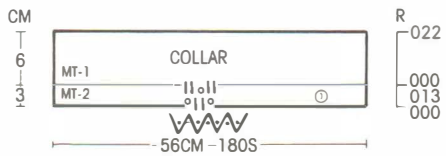




Pattern 10 *continued*







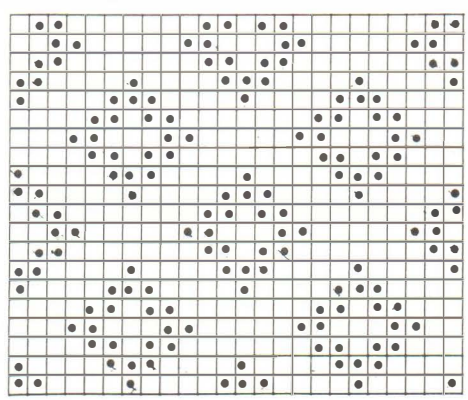
SLEEVES:
Push 45 Ns at left and right of centre O to WP. 90 Ns altog. Push corresponding Ns on ribber to WP. Arrange Ns for 2 × 1 rib. Using col 1, cast on. RC 000. MT-2, knit 13 rows. Transfer sts to knitter. RC 000. MT. Continue in pattern given in pattern note, AT THE SAME TIME knit 1 row. Shape as shown on diagram. 168 sts. Knit to row 154(158).

Shape Top
Set corr for partial knitting. Push Ns shown on diagram to HP to Row 164(168). 8 Ns rem in WP. Using a transfer tool bring Ns in HP Back to WP. Mark centre with waste yarn. Knit 1 row stockinet. Cast off.

COLLAR:
Arrange 180 Ns for 2 × 1 rib. Using col 1, cast on. RC 000. MT-2, knit 13 rows. Transfer sts to knitter. RC 000. MT-1. Continue in stockinet. Knit 22 rows. Cast off.

TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Sew cast on edge of collar into pos. Join centre back neck seam reversing stockinet seam. Allow stockinet to roll to the outside. Give final light steam.

Fair Isle Pattern 2



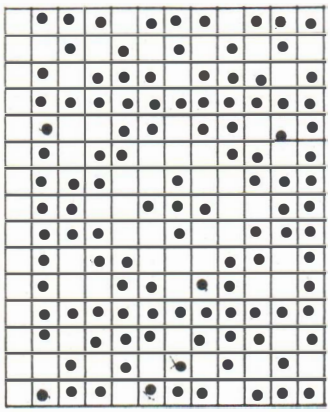
SWATCH SPOT *continued*

SWATCH 4

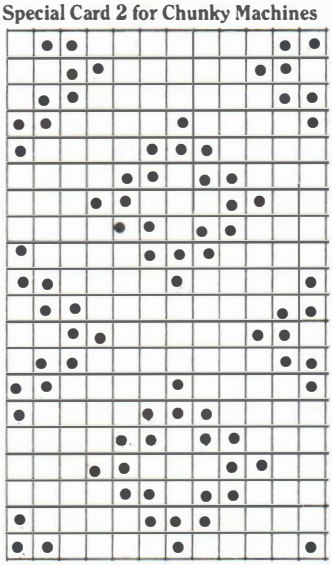
(For Standard Gauge Punchcard Machines)

Insert special card 1 for standard gauge machines and lock on row 1. Using waste yarn cast on 30 sts each side of centre O. 60 sts altog. Using col 1, knit 20 rows stockinet and turn up a hem. *Knit 4 rows col 1 only. Set machine to knit single motif between centre O and N 12 at left of centre O. Release card. Set card for Fair isle. With col 1 in feeder 1 and col 2 in feeder 2, knit 15 rows. Return card to row 1 and lock. Set carr for stockinet. With col 1 in feeder 1 only, knit 4 rows. Set machine to knit single motif between Ns 12 and 24 at right of centre O. Release card. Set carr for Fair Isle. With col 1 in feeder 1 and col 2 in feeder 2, knit 15 rows. Return card to row 1 and lock. Set carr for stockinet. With col 1 in feeder 1 only, knit 4 rows. Set machine to knit single motif between Ns 12 and 24 at left of centre O. Release card. Set carr for Fair Isle. With col 1 in feeder 1 and col 2 in feeder 2, knit 15 rows. Return card to row 1 and lock. Set carr for stockinet. With col 1 in feeder 1 only, knit 4 rows. Set machine to knit single motif between centre O and N 12 at right of centre O. Release card. Set carr for Fair isle. With col 1 in feeder 1 and col 2 in feeder 2, knit 15 rows. Return card to Row 1 and lock. Set carr for stockinet*. Rept from *to* for required length. Cast off. Pin out and press. Using a selection of cols 3, 4, 5 and 6 swiss darn the centre of the diamonds as illustrated.

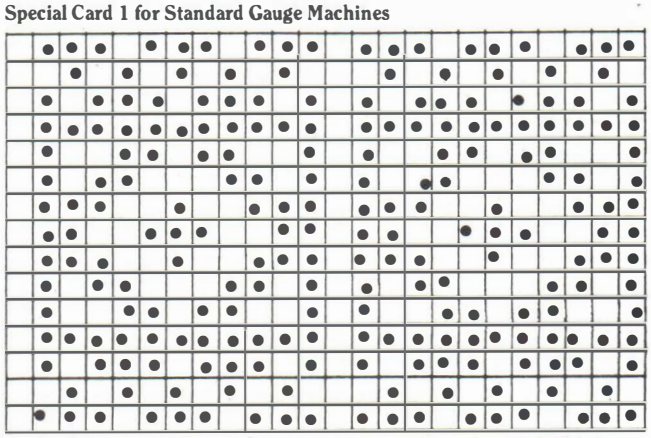
Special Card 1 for Chunky Machines



Special Card 2 for Chunky Machines



Special Card 1 for Standard Gauge Machines



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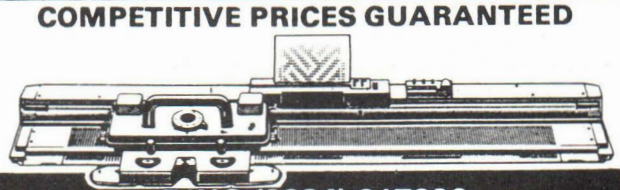

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HOW TO WORK FROM A DIAGRAM PATTERN

The pattern instructions in Modern Knitting are in the form of a diagram pattern, which is by far the easiest form of knitting pattern to use. However, if you are not familiar with diagram patterns, Here's a step by step guide which will teach you to use this easy-to-follow pattern system. Study the symbols on next page carefully then work through the diagram following the written explanation alongside. You'll find it quite straightforward and, once you have knitted your first couple of patterns using this system, you'll wonder how you ever coped with those long winded written patterns.

First of all, take a look at the diagram itself. The diagram is divided into two halves. On the right side you'll find all the stitch and row references while on the left side you can see we've given all the measurements which will help you when pinning your knitted pieces out to size. In addition, you'll find certain items of information on the diagram such as the needle arrangement for the rib, the type of cast on you should do and any other relevant information you might need. As you can imagine, once you are familiar with this type of pattern, you'll be able to see at a glance just what's involved in the knitting of each design without having to read the whole pattern.

Starting at the lower edge, your first instruction is ^^^^ 60S. This tells you to cast on 60 stitches using the ribber.

ıoıoıoıoı tells you to arrange the needles for a 1 × 1 rib.

000 at the bottom right hand corner tells you to set your Row Counter to 000.

MT-3 tells you to set your Tension Dial to 3 numbers lower than the Main Tension.

The first row number given is 006, so knit to row 6.

The line across the diagram at row 6 tells you that you have finished knitting the rib, so transfer the stitches from the ribber to the main machine.

000 at the right hand edge tells you to turn your Row Counter back to 000.

MT tells you to set your Tension Dial to the Main Tension. Continue knitting until your next instruction which is on row 40.

The diagram pattern shows you that you are now at the stage for shaping the armholes. **Although the shaping instructions are shown on one side of the diagram only, they should be worked on both sides, since the diagram shows there is the same armhole shape on the left side.** If you find it easier to begin with, pencil in the same instructions on the left side to remind you that you have only been given the instructions for one armhole.

1S.1R×2 is the instruction.

1S tells you how many stitches to decrease.

1R tells you how many rows after each decrease.

×2 tells you how many times to decrease.

Therefore, 1S.1R×2 means:-

Decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit one row.

Decrease 1 stitch on both sides, knit 1 row.

The next instruction is 1S.2R×1. Therefore, decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit 2 rows.

The next instruction is 1S.3R×2.

Therefore, decrease 1 stitch on both sides (you are repeating the shaping instructions for the left armhole). Knit 3 rows.

Decrease 1 stitch on both sides. Knit 3 rows.

Your next instruction is not until Row 68 therefore knit to row 68 without shaping.

The diagram pattern shows you that you are now at the stage for shaping the neck.

The symbol ⩛ tells you to divide the work in half and knit each side separately.

Therefore, either push the needles at left into holding position, or knit them onto waste yarn and remove from the machine. Now knit the right side as follows:—

5 S tells you that 5 stitches form the base of the neckedge.

Therefore, using a length of main yarn, cast off 5 stitches.

Your next instructions are for the neck shaping

2S.2R × 1
1S.2R × 2
1S.1R × 1

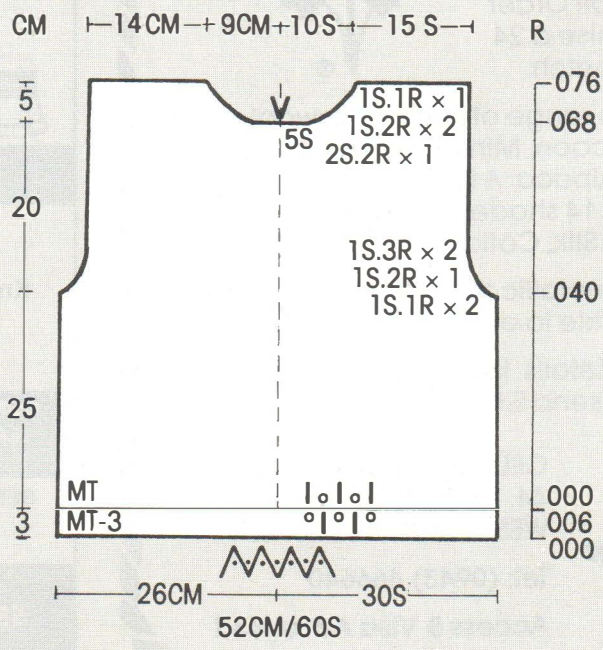
and should be carried out in the same way as before.

The last instruction is on row 76 where the straight line shows you should cast off the remaining 15 stitches.

Then, of course, you must turn the Row Counter back to 68 and knit the left half of the neck in the same way.

For those of you who are new to diagram patterns, the important points to remember are:—

1. The stitch, row and shaping references are on the right half of the diagram.
2. Shaping instructions are given for the right side of the diagram only. They should be repeated on the left if the diagram shows there is the same shape on the left.
3. A shaping instruction such as 2S.1R × 3 means decrease 2 stitches, knit 1 row, 3 times in all.
4. Don't worry too much if you find you're the odd row or stitch out on your first couple of attempts. Nobody will notice and you'll soon get the hang of using diagram patterns and wonder how you ever managed without them.



SYMBOLS FOR THE DIAGRAMS

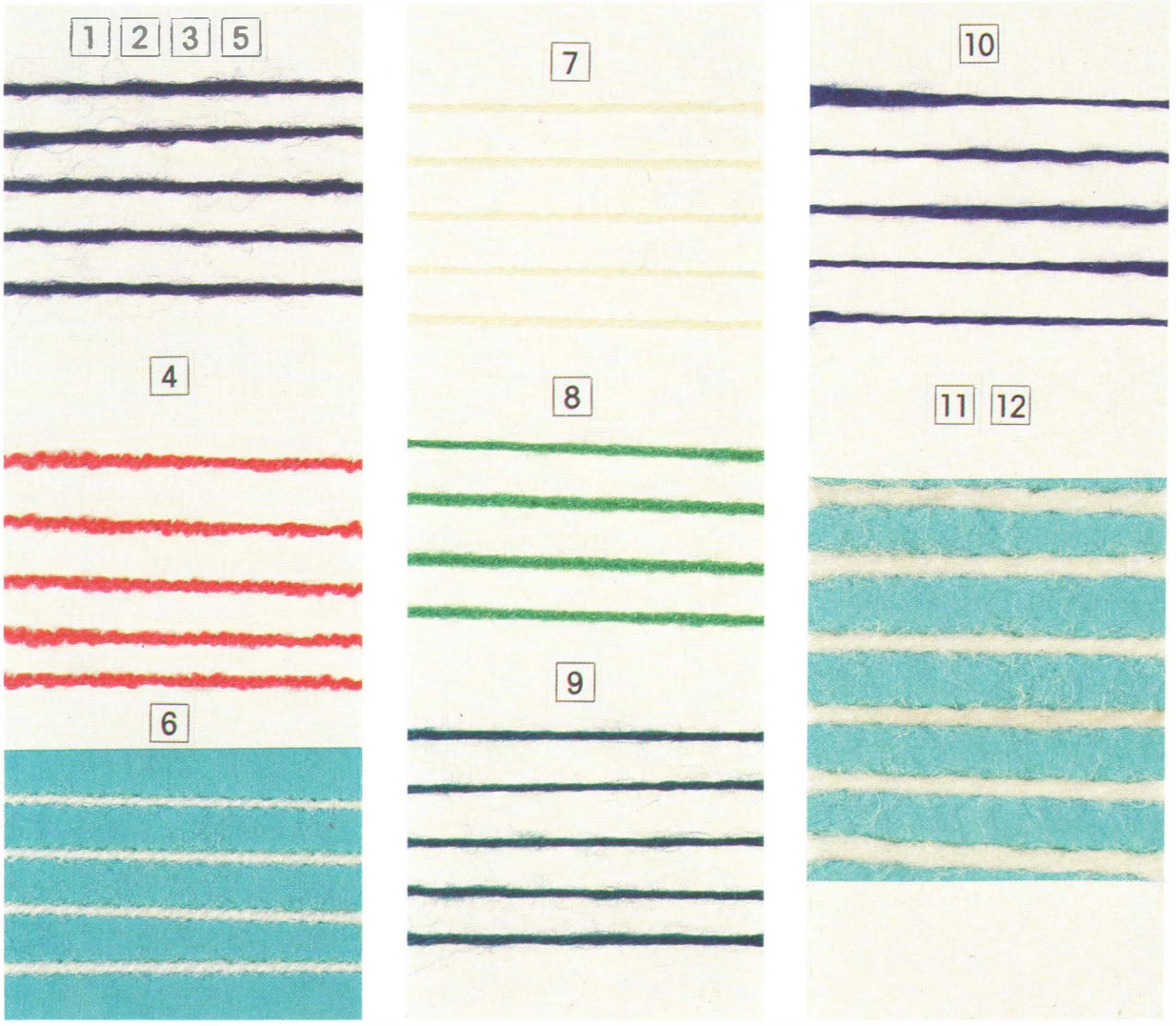
Closed edge cast-on	Turn up a hem
Cast-on using waste yarn	Pattern stitch
Closed edge cast-on with ribber	R — Row
Loose row	MT — Main Tension
Needle arrangement 1 = needle in work position 0 = needle in non-work position	V — Divide work in half and knit each side separately
S = Stitches	Repeat
( ) Larger sizes	**2S.2R × 3** is an example of shaping instructions shown on the diagram. The shape of the diagram will indicate whether you are required to increase or decrease. 2S.2R × 3 would mean decrease (or increase) 2 stitches, knit 2 rows, 3 times in all.
① Colour	

Abbreviations

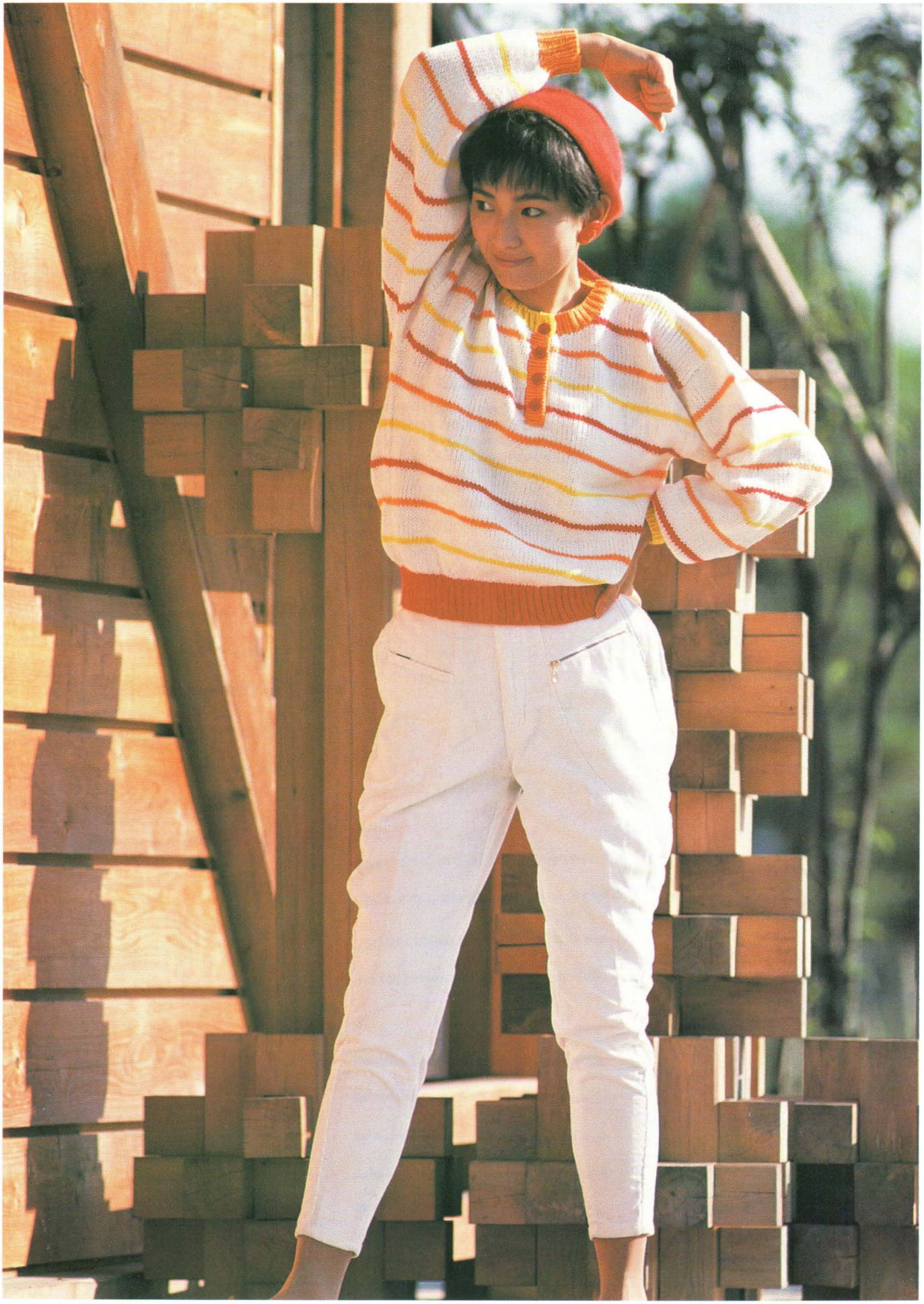
Alt	— Alternate
Approx	— Approximately
Beg	— Beginning
Carr	— Carriage
Cm(s)	— Centimetre(s)
Col	— Colour
Dec	— Decrease
Ev	— Every
Foll	— Following
HP	— Holding Position
Inc	— Increase
MT	— Main Tension
N	— Needle
Ns	— Needles
NWP	— Non Working Position
Patt	— Pattern
Pos	— Position
Rept	— Repeat
Rem	— Remaining
RC	— Row Counter
St	— Stitch
Sts	— Stitches
TD	— Tension Dial
Tog	— Together
UWP	— Upper Working Position
WP	— Working Position

YARNS USED IN THE PATTERNS

For your reference we have included an actual size representation of the yarns we have used in the patterns this month. You may find it useful to see how each particular yarn looks before it has been knitted into a garment and it will be particularly useful when we haven't quoted a brand of yarn, simply a type of yarn.
Our overseas readers will also find it helpful since not all the yarns will be available in all countries. However, having said that, it will certainly be worthwhile writing to the spinners listed in our Stockist Information to see if there is an overseas mail order service available.



Pattern 12



CHUNKY STRIPED SWEATER

The second chunky design this month is another easy to knit sweater which uses basic stripes in a clever colour combination. Vibrant lemons, oranges and reds make up this sunshine sweater. Knit it plain for a basic sweater to co-ordinate with any garment in your favourite colour.

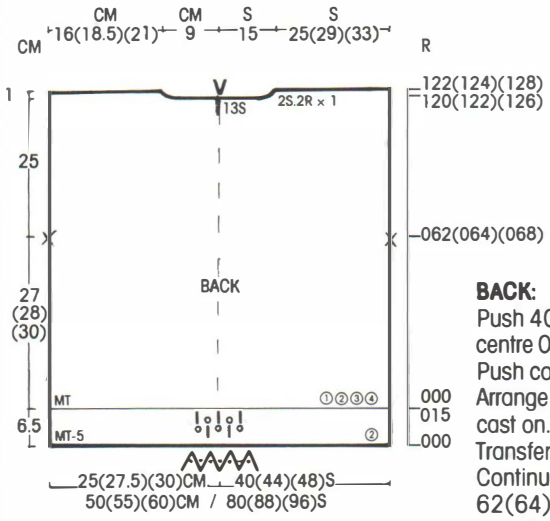
For 9mm Chunky Machines ith Ribbing Attachment.

SIZES:
To fit 76-81(86-91)(96-101) cms /30-32(34-36)(38-40) inch bust.

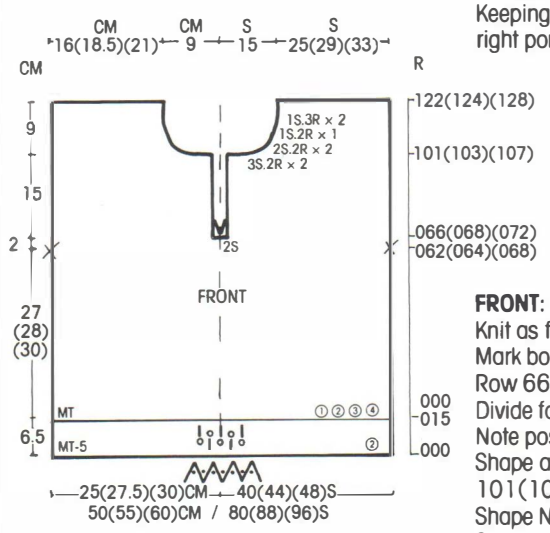
APPROXIMATE YARN TYPES AND AMOUNTS:
Chunky Yarn
Col 1 (White) — 270(310)(350) grms
Col 2 (Red) — 70(75)(80) grms
Col 3 (Orange) — 60(65)(70) grms
Col 4 (Yellow) — 60(65)(70) grms.
4 buttons.

TENSIONS:
Stockinet — 16 sts and 23 rows to 10 cms. TD at approx. 6 (MT)
1 × 1 Rib — 23 rows to 10 cms. TD's at approx. MT-5

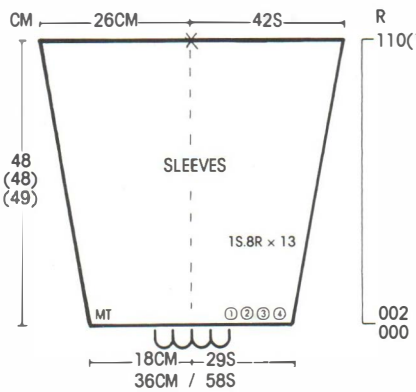
PATTERN NOTE:
Stockinet Stripes.
Knit 10 rows col 1, 2 rows col 4, 10 rows col 1, 2 ro s col 3, 10 rows col 1, 2 rows col 2. Rept from *to* throughout.



BACK:
Push 40(44)(48) Ns at left and right of centre 0 to WP. 80(88)(96) Ns altog. Push corresponding Ns on ribber to WP. Arrange for Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-5, knit 15 rows. Transfer sts to knitter. RC 000. MT. Continue in stripe pattern, knit to Row 62(64)(68). Mark both ends with waste yarn. Knit to Row 120(122)(126).
Shape Back Neck
Note pos in stripe sequence. Shape as shown on diagram to Row 122(124)(128). Cast off rem 25(29)(33) sts. Keeping pattern correct, knit left part as for right port.



FRONT:
Knit as for Back to Row 62(64)(68). Mark both ends with waste yarn. Knit to Row 66(68)(72).
Divide for Front Opening
Note pos in stripe sequence.
Shape as shown on diagram. Knit to Row 101(103)(107).
Shape Neck
Shape as shown on diagrm. Knit to Row 122(124)
(128). Cast off rem 25(29)(33) sts. Keeping pattern correct, knit left part as for right part.



SLEEVES:
Push 29 Ns at left and right of centre 0 to WP. 58 Ns altog. Using waste yarn cast on. RC 000. MT. Continue in stripe sequence, knit 2 rows. Shape as shown on diagram. 84 sts. Knit to Row 110(110)(112). Mark centre with waste yarn. Cast off.

Continued on page 63

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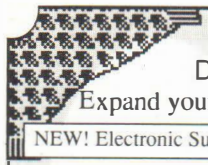

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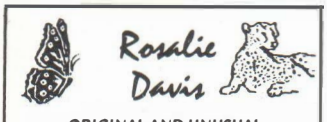

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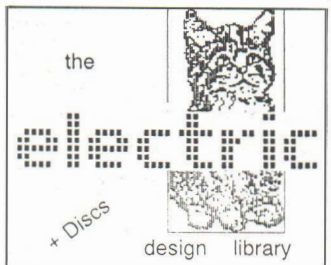

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TOYOTA ribber £125. Toyota knit tracer (new) £50. Knitmaster Vistamatic £50 (lovely knitter), vgc. Tel: (0205) 79439 (Boston).

SINGER electronic free-style machine. Latest model. Grey and red with video and tapes, as new, £475. Also Knitmaster 700KL new condition, Knitleader and intarsia lage, £280. Tel: (0902) 765597 (Wolverhampton).

PASSAP Duo 80, 4-colour changer. Deco. Good condition, £450. Tel: (0233) 860602 (Ashford, Kent).

BROTHER 230 chunky with ribber. Good condition, £220. Tel: (051639) 7166 (Merseyside).

FOR SALE

PASSAP Duomatic 80. Four colour changer, Deco form computer, £480 ono. Tel: (0843) 32261 (Margate).

KNITMASTER 560 Electronic machine, built-in Radar and lace carriage, very good condition £395. Up-graded to 580. Tel: (0903) 68431 (Worthing).

KNITMASTER YC6 colour changer (as new condition but needs 4-way mast) £85. LC1 lace carriage £40. LC2 lace carriage £80. Also many books. Tel: (0684) 72589 (Nr Tewkesbury).

KNITMASTER 120 chunky, basic but good condition £40. Garter bar £25. Handy punch £5. Tel: (081) 393 9444 (Epsom).

BROTHER intarsia carriage. Standard gauge boxed, instructions, good working order, £15 ono. Tel: (evenings) to Sahida, (0254) 698296 (Blackburn).

PASSAP Duomatic 80 Deco two colour changer, good condition. Recently serviced, space needed, hence £275 ono. Tel: (0923) 225014 (Watford).

BROTHER 881 built-in Knitleader, lace carriage, pattern cards and punch. Excellent condition £230. Knitting table. £10. Tel: (0422) 834635 (Halifax).

EXCELLENT condition. Knitmaster 324 with ribber, all tools, Knitradar YC5, yarn changer, intarsia carriage, autolinker, card punch and cards. All instruction books, £320. Tel: Southampton 447990.

KNITMASTER Brand new "Zippy Plus" with lace carriage. Unused. £300. Calcuknit £50. Woolwinder £8. Tel: (021) 384 4724 (Birmingham).

KNITMASTER 321 with brand new Knitradar punch and punchcards. Books, table included. In good condition, £90. Tel: (0484) 531089 (Huddersfield).

KNITMASTER 151 chunky knitting machine, built-in intarsia, used four times, still in box, new condition, £180 ono. Tel: (0609) 771562 (Northallerton).

TOYOTA KS950 with ribber. Hardly used £400. Brother KH260 with ribber, hardly used £400. Brother colour changer KRC900 new £50. Tel: (0494) 31756 (High Wycombe).

KNITMASTER 360 KL with ribber, lace carriage, cards, all tools and manuals complete, tuition cassettes £350 ono. Step-by-Step charting design plus blocks £15. Tel: (0532) 662683 (Leeds).

BROTHER KH 860, 11 months old, complete with lace carriage, punchcards, knitting table, patterns, cones of wool, accessories, boxed, instruction manual, books, perfect condition. Bargain £250. Tel: (0227) 452869 (Canterbury).

KNITMASTER 360. Built-in Knit Radar, punchcards, tools, vge, £160. Knitmaster SRP50 ribber tools, vgc, £140. Tel: (0782) 396015 (Stoke-on-Trent).

SINGER 600 Memo II with tapes and books, etc. Hardly used, £150. Tel: (0233) 631963 (Ashford, Kent).

BROTHER KH 881 plus ribber and transfer carriage, £440 or will split. Main bed £240, ribber £180, transfer carriage £40. Tel: (02572) 70761 (Chorley, Lancs) anytime.

PFAFF Duo 80 double bed four colour changer, Deco punchcards, stand, woolwinder, patterns, wool, hardly used, as new £495. Tel: (0233) 623895 (Ashford).

KNITMASTER 305 Automatic. Good condition, £60. Tel: (098121) 733 (Hereford).

KNITMASTER 155 chunky. Punchcard machine, complete with ribber, as new, £400. Jones Brother 846 Punchcard machine, new, unused, £260. Toyota 4 thread overlocker, £160. Evenings. Tel: (0452) 618632 (Gloucester)

KNITMASTER 326 Knitradar. Extra yarn, brake patterns, punchcards, Deknitter. All accessories, £145. SRP50 ribber £125. Intarsia carriage £15. Table £10. Tel: (0772) 612376 (Preston).

BROTHER 116 Knitleader. Used once only, extra charting sheet, set of basic shapes in carrying case, £65 ono. Brother 588 standard gauge. Does all stitches plus separate lace carriage, vgc, £50. Tel: Derby 883365 evenings.

BROTHER KH891, 10 months old, built-in Knitleader, lace carriage, punchcards, £220 ono. Knitmaster linking machine, DL 1000, never used, £200 ono. Tel: (0272) 659878 (after 6pm and weekends).

KNITMASTER Zippy Plus knitting machine plus separate radar. Excellent working order, hardly used. £325. Tel: (0903) 815968.

PASSAP Duomatic 80 Deco, four colour changer. Stand mint condition, £450 or exchange for singer 2331. Tel: (0252) 835293 (Surrey).

PASSAP Electronic 6000 plus motor and countdown. Hardly used. Approx 200 cards plus 400 coned yams. Will split, £1,600. Tel: (0784) 465115 (Staines).

KNITMASTER / Silver Reed 360KL with built-in Knitradar, lace carriage, intarsia carriage, punchcards plus blank punchcard roll, tools, spare needles, manuals, all in good condition (reason for sale gone Electronic), £225. Tel: (0883) 343259.

KNITMASTER 323 with ribber and table plus hand punch pattern and blank cards. Includes instruction manual, tools, etc. Wools and patterns book, £250. Tel: (081) 304 6697.

KNITMASTER 155 Chunky knitting machine plus ribber, £400. Jones/Brother punchcard machine plus lace carriage. Unused £250. Toyota 4 thread overlocker, £160. Tel: (0452) 618632 (Gloucester)

BROTHER 950i. Immaculate. Instruction video, genuine reason for sale. £750. Brother 260 chunky, unopened, unused £350. Tel: (0438) 720175 (Stevenage).

BROTHER KH860. Lace carriage, punchcards and punch table. Very good condition, intarsia carriage (new), £220 ono. Tel: (02407) 71469 (South Bucks).

BROTHER KH860. Lace carriage, instruction books, patterns, hole punch, punchcards and linker. All in excellent condition, £265 ovno. Tel: (0622) 675105 (Maidstone).

BROTHER 910 Mark II 3 memory electronic machine, lace carriage, instruction book, etc. One careful owner, now upgrading £300 ono. Tel: (0983) 405646 (Isle of Wight).

KENWOOD rotary iron with instruction book, £25. Tel: (0877) 30011 (Callander).

KNITMASTER 321 SRP60N ribber, YC6 colour changer, table, wools, punchcards, patterns, wool winder. (Ribber and changer never used), £270 ono. Tel: (091) 2860976 (Newcastle).

BROTHER KH260 chunky punchcard machine with ribber and table, as new, £485. Tel: (0246) 211375 (Chesterfield, Derbyshire).

SIMPLEFRAME 96, £40, as new, no offers. Tel: (021) 526 2067 (Darlaston, W'mids).

KNITMASTER 560 Electronic knitting machine with built-in Knitradar and lace carriage, £400. Tel: (0903) 60826) (Worthing).

BROTHER KH 840 punchcard machine with lace carriage. Very good condition, £150. Intarsia carriage KA8200 £15. Postage/carriage extra. Tel: (0705) 385211 (Portsmouth).

KNITMASTER 700 with built-in Knitradar, LC-2 lace carriage, new SRPLON ribber, £490. Tel: (081) 300 4209 (Sidcup).

BROTHER 910 Mk II instruction book, tape. Mylar sheets, to and fro magazines, K.Kinder Electronic knitting. Also lace carriage, only £325 ono. Tel: (091) 2533361 (Tyneside).

BROTHER 881, Knitleader, lace carriage £240. Pfaff Hobbylock, differential feed, hardly used, £250. Belinky linker £25, card punch £10. All excellent condition. Evenings please. Tel: (0256) 811350 (Basingstoke).

PASSAP Duo 80. Grey locks, extra cards, punch, books, 4 colour changer, Deco stand, complete £300. Tel: (0895) 638925 (Uxbridge).

PASSAP manual. Model 201. Also manual for automatic. Tel: Newton Abbot 68977.

SINGER KE2600 complete with lace carriage and punchcards. Good working order. Ideal for beginner or even spares. Bargain only £60 ono. Tel: (0283) 223864 (Burton-on-Trent).

SINGER Magic Press II. Hardly used. Excellent condition, as new, £90. Tel: (074488) 5692 (St Helens).

KNITMASTER 700K, SRP60N ribber, LC1 lace carriage, SC3 linker, all little used, YC6 colour changer, tried once, table, punch, punchcard roll, de-knit, £745 ono. Tel: (0843) 32261 (Margate).

PASSAP Form computer with instruction manual £75 ono. Tel: (0934) 620809 (Weston-Super-Mare).

KNITMASTER 260 knitting machine with lace carriage, punch cards, table and Knitradar, £200. Tel: Nelson 697282.

BROTHER 910 Mk II with lace carriage. Good machine, £375 plus Milar sheets, etc. Tel: (0395) 40952 (Bury St Edmunds).

JONES De Luxe model 585 lace maker, excellent condition. Instruction manual, includes 21 patterns, would suit beginner, £50 ono. Tel: (0425) 614299 (New Milton, Hants).

BROTHER KH260 chunky ribber, table, 4-colour changer, intarsia, wool winder, patterns and books, excellent condition £600 ono. Robinson, 32 Church Hill, Port Isaac, Cornwall.

KNITMASTER 370 ribber, lace carriage, radar, table, punch, spare punchcards and pattern books. All excellent condition, £350. Tel: (0222) 612630 (Cardiff).

BROTHER 840 plus ribber, vgc, little used. Wanted: French collection by Paula Devaux. South Manchester area. Tel: (061) 980 4160 (S. Manchester).

KNITMASTER 360 KL with lace carriage, Knitradar, intarsia, garter bar, punch, extra cards, instruction tapes, linker, Weavemaster, vgc, will deliver within 12 miles, £330. Tel: (0753) 42481 (Slough).

KNITMASTER YC5 colour changer £40. SC3 transfer carriage £30. A20 intarsia carriage £15, auto linker £40. Lots of punchcards, unused, gone electronic. Wanted Brother 106 Knitleader. Tel: (0664) 64549 (Melton Mowbray).

BROTHER cast off linker KA-8310. Never used, £60 (cost £74). Tel: (021) 429 3357 (Birmingham).

ZIPPY Deluxe, SRP60N ribber, magic cams, intarsia carriage, 6 months use, went electronic, £380 ono or swap Knitmaster 155, ribber. Brother 260 ribber. Tel: Southampton 789567 or 780768.

PASSAP Duo 80 with motor. Immaculate condition, beautiful tucks, etc. Desperate for space. Good home required. Sensible offers? Tel: Southampton 789567 or 780768.

OPTION 4 knitting machine, new, unused gift £130. (knitmaster). Tel: (0684) 295248 (Tewkesbury).

DUOMATIC Passap 80, Deco 4 colour changer punchcards, books, wool, good condition, hardly used £425 ono. Tel: (0235) 531376 evenings or weekends (Abingdon, Oxon).

TOYOTA 787 knit tracer with 3 pattern sets and lace carriage £25, also simulknit £20 or £40 the lot. Tel: 081-673 6358 (London).

PASSAP Duomatic 80, plus 4 colour changer, Deco, punchcards, instructions, punch and pattern books, good condition £475 ono. Tel: (0258) 880926 (Dorset).

KNITMASTER colour changer, YC5 complete £30. Knitmaster 360 lace carriage, never used £30. Tel: (07982) 2622 (Pulborough).

BROTHER KH910 electronic knitting machine with ribber KR830, instruction manuals, punch cards, and patterns, also machines own free standing table £495. Tel: (0932) 842844 (Weybridge).

KNITMASTER 370 fine-knit and ribber, radar, lace carriage £550. Knitmaster 560 electronic radar £450. Y5 colour changer £35. Tel: (0553) 829332 (Kings Lynn).

PASSAP Duo 80, 2 colour changer, good condition £220 ono. Tel: (0664) 77580 (Melton Mowbray).

BROTHER electric 950i knitting machine, new condition, hardly used £780, including table. Brother electronic 910 MkII knitting machine, excellent condition £395. Knitleader with new graph sheet and book £55. Tel: 061-439 3149 (Bramhall, Stockport).

HARRISON circular sock machine, needs a good home. Tel: 021-359 2086 (Duddeston, Birmingham).

BROTHER KH230 chunky knitting machine, excellent condition, hardly used, £200. Tel: 061-654 8781 (Manchester).

BROTHER 710 vgc, very little use, suit beginer, does tuck & slip stitch, lace, bargain, £80 ono. Tel: (0654) 710908 (Gwynedd).

KNITMASTER 155 chunky punchcard machine with ribber, intarsia carriage and many extras as new £400. Tel: (084421) 4340 (Thame, Oxon).

KNITMASTER Power Drive with table £250. New Home Swiss knitting machine £50. Ribber comb £8 claw weights and many more accessories. Knitmaster 560 electronic £250. Tel: 041-647 1862 (Glasgow).

MINI Math linker used 1 jumper £175. Reason for sale going electric. Tel: (0733) 53741 (Peterborough).

WANTED

WANTED. YC6 colour changer. Tel: 091-5846483 (Houghton-le-Spring).

WANTED. Ribber for Jones Brother 230 chunky machine. Tel: (0222) 890557 (Cardiff).

WANTED. Brother attachments KA8300 transfer carriage, KA8210 Intarsia carriage KA8310 linker. Tel: (0634) 812962. After 6 pm please (Medway).

WANTED for double bed Toyota 901, K82A intarsia carriage, K65 transfer carriage, K86-1 colour changer, tilting table please. Phone with details. Tel: (0742) 397296 (Sheffield).

WANTED. VHS tuition video for Knitmaster 160. Tel: (0722) 710025 (Salisbury).

WANTED. Old Toyota knitting machine by collector. Tel: (0395) 274541 (Devon).

WANTED. Knit carriage for Toyota KS901, will pay up to £60 plus postage if necessary. Tel: 081-299 4363 evenings (Blackwall).

WANTED. Hague linker not too far away please. Tel: (0792) 360526 (Swansea).

HELP! Has anyone 100gms pink chunky cotton bought from Hunters at NEC 1989? I have run out with one sleeve to knit! Tel: (0626) 61856 (Newton Abbot).

WANTED. Single bed colour changer for Brother 840. Also does anyone have an old Elna Lotus sewing machine with perspex or metal flaps. Tel: 021-449 1775 (Birmingham).

WANTED. Knitmaster rib transfer carriage RTI also linker SC3. Tel: (0202) 883465 (Wimborne, Dorset).

WANTED

WANTED. Colour changer, transfer carriage, for Brother K850 ribber. Tel: (0772) 612785 (Preston).

WANTED. Bond Elite knitting machine good working order. Tel: 504990 (Brighton).

WANTED. Ribber for Knitmaster Zippy deluxe, preferably SRP60N, please phone. Tel: (0889) 881301 (Stafford).

WANTED. Ribber for Knitmaster 321. Also would be interested in other accessories/attachments for same machine. Tel: (0324) 42806 (Fareham).

WANTED. Garter carriage for Brother 881. Tel: (0535) 632566 (Crosshills).

WANTED. Accessory tray for Jones 585 knitting machine, Passap M201 knitting patterns. Tel: (0705) 503437 (Gosport).

WANTED. Garter carriage KG93 for Brother electronic 950i. Tel: (0532) 824232 (Leeds).

WANTED. Brother 910 Mark II electronic or Brother KH891 punchcard, plus ribber and any other accessories. Tel: (0981) 240137 (Gwent).

WANTED. Brother 850 ribber, Passap form computer, Knitmaster, Vistamatic £50 vgc knits beautifully. Tel: (0205) 79439 (Boston).

SWAP

BROTHER 830 and lace carriage plus KR850 ribber punchcards, punch in excellent condition. For Passap Duomatic 80 in excellent condition will transport within reason. Tel: (0695) 574005 (Ormskirk, Lancs).

SWAP or sell Brother 910 equivalent £400 ono. Keytocabinet, Hague handlinker, Brother linker KA8310, prefably Brother KH260 chunky punchcard, no ribber required. Tel: (0483) 33540 (Guildford).

SWAP. Passap duo 80 two colour changer, deco video audio cassettes, books, extras v.g.c. Swap for fine knit machine with ribber and punchcards. Tel: (0604) 761261 (Northampton).

SWAP. Bond knitting machine and ribber (as new) for Knitmaster chunky 150 or 151. Will sell for £115, please ask for Tina. Tel: (0602) 609797 (Nott'm).

SWAP. Brother electronic, ribber, and Passap Duo 80, four colour, Deco, forma, U80. Swap for Passap/Pfaff 6000 with tricofit and 100E or sell seperately. Tel: (0753) 684199 (Slough).

SWAP. Brother convertable knits 3 ply to Chunky great for Mohair, want YC6 colour changer or sell convertable for £100. Tel: (0248) 852069 (Anglesey).

SWAP. Jones Brother electronic knitting machine 910 MkII with tuition tapes for Brother 260 chunky machine. Tel: 466877 (Hoddesdon).

SWAP. Exercise bike with rowing action mint condition wanted Keyto cabinet or knitting machine cash adjustment offered 60 miles radius Cambs. Tel: (0353) 860983 (Ely, Cambs).

SWAP or sell Brother 710 standard gauge machine. All patterns, lace carriage does transfer lace & fine lace. Swap for Zippy 90 or sell for £75. Tel: 883365 (Derby).

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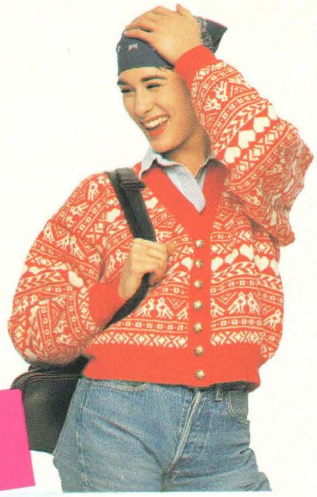
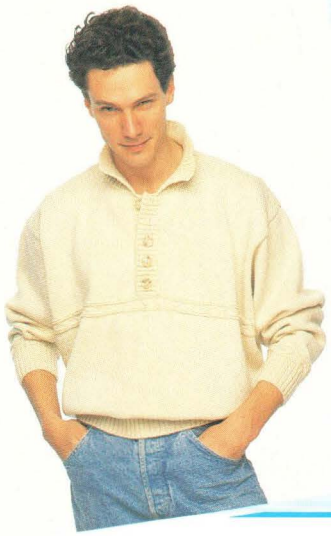


COMING NEXT MONTH

CABLES

Next month we investigate the traditional and timeless technique of cabling. We provide you with several different variations and techniques which you can try on even the most basic machine and use to decorate your favourite plain sweater patterns.



POPULAR PETS

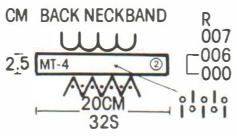
Not everyone can afford to own their own 'pet' pony, but next month our pony and horse motifs will at least give horse lovers the chance to own their very own pony sweater.

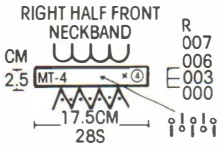
PLUS

All our regular features, hints and tips, techniques and advice — and lots more beautiful designs and patterns for the whole family.

The May issue of Modern Machine Knitting will be in your shops on April 18th. Make sure you don't miss it.

Pattern 12 *continued*





BUTTON BAND:
Knit as for Buttonhole Band but omit buttonholes and knit band in col 4.

BACK NECKBAND:
Arrange 32 Ns for 1 × 1 rib. Using col 2, cast on. RC 000. MT-4, knit 6 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

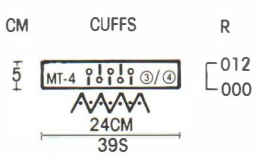
RIGHT FRONT NECKBAND:
Arrange 28 Ns for 1 × 1 rib. Using col 4, cast on. RC 000. MT-4, knit 3 rows. Counting from the right edge make a buttonhole over 3rd N. Knit 3 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.

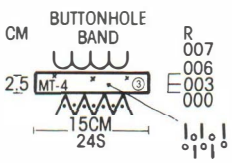
LEFT FRONT NECKBAND:
Knit as for Right Front Neckband but knit in col 3 and omit buttonhole.

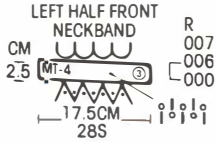
TO MAKE UP:
Pin out to size and steam carefully. Join shoulder seams. Set in sleeves between marked points. Join side and sleeve seams. Backstitch front bands into pos, lapping buttonhole band over button band. Neaten lower edge. Backstitch back neckband into pos. Backstitch front neckbands into pos including along top of front bands. Join neckband seams. Sew on buttons to correspond. Give final light steam.

CUFFS:
Arrange 39 Ns for 1 × 1 rib. Using col 3, cast on. RC 000. MT-4, knit 12 rows. Transfer sts to knitter. With wrong side of sleeve facing, pick up sts from below waste yarn and place onto Ns gathering evenly. Knit 1 row MT. Cast off. Knit second cuff in col 4.

BUTTONHOLE BAND:
Arrange 24 Ns for 1 × 1 rib. Using col 3, cast on. RC 000. MT-4, knit 3 rows. Make 3 evenly spaced buttonholes over 1 N. Knit 3 rows. Transfer sts to knitter. Knit 1 row MT. Cast off with waste yarn.







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